

Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC

FROM : SA WILLIAM E. NAYLOR

SUBJECT: HARRY GOLD was.
ESPIONAGE - R

DATE: June 7, 1950

GOLD RESIDENCE SEARCH MATERIAL

EXHIBIT: 65-4307-1-B-5 (40)

REFERENCE: Memo, June 5, 1950, Page 10

DESCRIPTION: An air mail envelope from Mrs. D. B. GREEN
c/o Mrs. CARL BRANT, 2367 W. 30th Street,
Los Angeles, California, directed to HARRY
GOLD, 48-53 - 44th Street, Woodside, Long
Island, New York. The envelope was postmarked
at Los Angeles February 2, 1948. The letter
pertains to personal matters regarding the
GREENS' trip to and experiences in California.

POSSIBLE LEADS: It is noted that the sender of this letter is
identical with the person sending the letter
identified as Exhibit 65-4307-1-B-5 (2).

WHN/kob
65-4307

Con'd. 6/20/50
for

65-4307-667

Jensen RY
T.S. Miller for

SAC

June 7, 1950

SA WILLIAM H. NAYLOR

HARRY GOLD was.
ESPIONAGE - R

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65-4307-1-B-5 (40)

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identified as Exhibit 65-4307-1-B-5 (2).

WHN/kob
65-4307

65-4307-667

Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC

FROM : SA T. SCOTT MILLER, JR.

SUBJECT: HARRY GOLD, WAS.
ESPIONAGE - R

DATE: 6/27/50

65-4307-1-B-5 (40)

GOLD stated on 6/20/50 that this letter from Mrs. D. R. GREEN in Los Angeles was from the same Mrs. GREEN referred to in the memorandum on Exhibit 1-B-5 (2).

GOLD said that he did not recall the last name of DOROTHY GREEN's roommate LILLIAN, and that he recalled that one had a job in personnel and the other was a teacher.

tam/rac
65-4307

65-4307-168

SEARCHED.....	INDEXED.....
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Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC

FROM : SA T. SCOTT MILLER, JR.

SUBJECT: HARRY GOLD, WAS.
ESPIONAGE - R

DATE: 6/27/50

LETTER FROM DOUGHERTY DATED 5/24/46

The above letter, which has no exhibit number, was shown to GOLD on 6/20/50. GOLD stated that the strike referred to in the letter was the railroad strike of that year.

GOLD stated that DOUGHERTY had just started working for the Acheson Colloids Corporation at the time GOLD went to work for BROTHMAN.

The CRANKSHAW mentioned in the letter is the eastern representative of Acheson and is DOUGHERTY's immediate superior. CRANKSHAW's full name is ALVIN CRANKSHAW and has offices in New York City.

GOLD said that he had been considering consulting ACHESON relative to work the BROTHMAN firm was doing and discussing the possibility of using some of ACHESON's colloids.

The NORMAN PEOPLES mentioned in the letter formerly worked in the Treasurer's office of Pennsylvania Sugar, and was subsequently taken up to New York and placed in a high position in the Pennsylvania Sugar office there. At present he is working in the Philadelphia office of Pa. Sugar.

The reference to DOUGHERTY's borrowing an automobile from "MIKE" GOLD explained by saying that DOUGHERTY's new job with ACHESON required that he have a car and that he borrowed MIKE's car, whom GOLD identified as CLARENCE "MIKE" HUNT.

GOLD said that HUNT worked at the Pure Carbonic Company on Delaware Avenue in Philadelphia, and formerly worked for Pennsylvania Sugar.

The PAT referred to in the letter is PAT CAREY, who owned a saloon on Girard Avenue, which place was a hangout for Pennsylvania Sugar employees.

tsm/rac
65-4307

65-4307-669

SEARCHED	INDEXED
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MEMORANDUM, SAC

The COCKY referred to is ERNEST HELMING, a sugar boiler at Pennsylvania Sugar.

The CANORIUS referred to is a man at Publicker Alcohol Company who helped McCABE (also of Publicker) teach a course at St. Joseph's College in Distillery Practice. GOLD stated that he and DOUGHERTY had been contacting CANORIUS in an attempt to sell him on the idea of thermal diffusion as applied to industry and the idea of removing bacteria from malt slurry.

The GEARE referred to is an employment agency.

The TOM referred to in the letter is THOMAS L. BLACK.

It will be noted on page 2 of the letter, reference is made to putting BLACK on the "black list" because of his recent actions, and that BLACK sounded sheepish; and further, that GOLD was right in his diagnosis of BLACK. GOLD said that with reference to these statements, DOUGHERTY was referring to BLACK's evasiveness during his several meetings with ABRAHAM BROTHMAN. GOLD had taken BLACK to the BROTHMAN Laboratory on several occasions to assist GOLD in his work there. GOLD also said that BLACK was always leery of having DOUGHERTY around when BLACK was with GOLD, as DOUGHERTY might get the idea there was something between GOLD and BLACK other than their mutual interest in the possibility of starting a small chemical company.

SAC

6/27/50

SA T. SCOTT MILLER, JR.

HARRY GOLD, WAC.
ESPIONAGE - R

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tam/rao
65-4307

SEE page 4 of SA T. S. MILLER'S
Search memo -

See Exhibit 65-4307-1B-5(14)

65-4307-669
JUL 2 1950
PHILADELPHIA
Jensen Rly

MEMORANDUM, SAC

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SAC

6/27/50

SA T. SCOTT MILLER, JR.

HARRY GOLD, WAC.

ESPIONAGE - R

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The PAT referred to in the letter is PAT CAREY, who owned a saloon on Girard Avenue, which place was a hangout for Pennsylvania Sugar employees.

tam/rac
65-4307

See Exhibit 65-4307-1B-5(14)

65-4307-689

FBI - PHILADELPHIA
JUL 2 1950

14

MEMORANDUM, SAC

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Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC

FROM : ALBERT L. PIERCE, SA

SUBJECT: HARRY GOLD, WAS.
ESPIONAGE - R

DATE: June 3, 1950

ANALYSIS OF GOLD RESIDENCE SEARCH MATERIALExhibit #65-4307-1B5 (29-18)

Re search memo of SA (A) ELWOOD A. PETT 6-5-50, page 15.

DESCRIPTION:

A number of sheets of paper, apparently in GOLD's handwriting, some of which bear the heading "Penna. Sugar Co." and "Recovery of CO 2 from Flue Gas." These sheets apparently were reports made by GOLD to his superiors regarding a strike at the Pennsylvania Sugar Company, and the general operation of the plant, with particular emphasis on the recovery of CO 2 (carbon dioxide) from fluegas. These sheets list complete steps of the general plan followed by the plant in this connection.

Since GOLD's handwriting was very poor, typewritten copies of these sheets have been prepared and are attached to this memorandum. Additional copies were made which have been attached to each exhibit page.

LEADS:

Will exhibit these sheets to HARRY GOLD for his interpretation regarding their meaning.

Will question him regarding the type of information desired by his superiors in connection with recovery of carbon dioxide from fluegases, and the person for whom this information was obtained, in addition to the dates involved.

Will question him regarding the possibility that his superiors were interested not only in the work done at the Pennsylvania Sugar Company regarding the recovery of carbon dioxide from fluegases, but also in the general question

ALP:MEMCG
65-4307

CC: 65-4337

65-4307-670

PHILADELPHIA

JUN 5 1950

James Rly

MEMO SAC

6/8/50

of recovery of such waste materials by thermo diffusion methods, and the possibility that his paper on this subject may have been prepared for transmittal to his superiors in espionage activity.

Item #29

Recovery of CO₂ from flue gas
Work to be done

RHC:HKP
65-4307

Item #29

P. S. Co.

The workers at the P. S. Co. together with those of the other two refineries in Philadelphia went on strike Thursday after three weeks of negotiations had fallen through; the big difficulty is the closed shop. Neither of these three refineries are attempting to run. First the laboratory men were told to stay there til further notice, then we were told to take our vacations effective Saturday, July 2.

The union is still negotiating with the company but it is very difficult to say whether the strike will be settled in a week or in a month.

RHD:atp
65-4307

Item # 29

Recovery of CO 2 from Flue Gas

At the time the strike broke (June 23) the work had reached the stage where the horizontal agitation using the two foot method had proved very successful - the exit gas averaged 2.0%. Thereupon Art S had immediately begun the work on the design of the 20 ton dry plant and had reached the stage where he was ready to detail the drawings so that bids could be asked on the work.

-- on time we made -- using small amounts -- with NA 2, CO2, used as a catalyst and had obtained 50 to 100% greater absorption per unit of Abs.Sol. Experiments were in progress on the effect of continued beating for -- on the surface when the strike interrupted.

RHG:mtp
65-1307

Mem #29
PR 65-4307

Work to be done on flue gas

As has been previously stated, the work at the PS Co. has been carried to a point where a one ton/day plant has been successfully run and construction should begin on a 20 ton/day plant. Actually this point had been reached four months ago; what had held up progress had been the construction and trial of an absorption system in which the paddles were driven from a vertical shaft when a more logical procedure would have been the development and design of larger horizontal agitators in which the absorber of the vertical shaft was the idea of W. H. HOODLERS, the V.P. and General Manager of the PS Co., and was due to his fear that over 360 stuffing boxes would be required on the 20 ton one day absn system if the original 6 3/4" dia agitators were used. He simply would not listen when we tried to tell him that the principle of the small wheels could be transferred on a large scale; in fact ART LILLIERS, the mechanical engineer and the

WRB:ebn

Item #29
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most competent man on the job, was almost fired for remonstrating with the grand Pwo-Bah. The vertical sent was tried out and proved a terrific failure; from an average entrance gas of 13.0% CO₂ the exit gas was 9 and 10% as compared with 2% using the horizontal agitators. Changes were made, one including the brazing of 752 pieces of screening to the paddles (the cost of building this unit on a large scale would have been tremendous) but the results were just as poor as before.

An absorber equipped with horizontal wheels two feet in diameter has now just been completed, and the tests should be completed in about six weeks and the data will be reported as soon as it is obtained. As regards the material already submitted the general plan followed has been

WRB:ebn

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1. A general description
2. A description of the method involved.
 - a. Gas washing
 - b. Absorption
 - c. Material transfer
 - d. Composition
3. Sketches showing the design and construction of the apparatus.
4. Notes on miscellaneous details, also any changes made all of the data as related to the ton/day plant except where specifically mentioned but the larger viewpoint that this is only a pilot plant has always been maintained. The basic idea of the transmission of the vital information first has been rigidly adhered to. Should any unforeseen interruptions have occurred most of the essential material would already have been at hand. Now comes compression.
5. The "filling in" process of all important data which was not absolutely essential, but which will save our people a great deal of work. This will consist of
 - a. Details which they could work out for themselves by which they will thus be spared the labor and time if they have already done so the comparison will be useful.
 - b. Data obtained by trial and error.
6. The results and design of the larger (2 foot) horizontal agitator
7. The plans of the 20 ton/day plant after his sad experience in designing an abspn. system HOODLER has promised to give us (those working on this problem) a free hand in its design and construction. It is thus to be hoped that this unit will be completely scientific and modern as both Dr. REICH (the Head of Research) and ART LIDMERS (the designer) are extremely capable.

A time schedule for the work to be done may thus be given.

5. The "filling in-process"
 - (a) Flow sheet and complete material balance of process for data as corrected to date. Next meeting April 30.

WRB:ebn

Item #29
PH 65-4307

- b. Complete discussion of the theory of absorption. This is extremely important as the success of the whole process depends on its correct application.
- c. Revised data on cleansing of F.G. from soot particles.
For May 14.
- d. Notes on technique of material transfer. The hard cake formed by the cooling of the system lab N a² 20/NaH²O as well as the decomposed liquid can be most troublesome unless one knows exactly how to handle it.
- e. Notes on technique and theory of decomposition
for May 28.
- f. Report on results and design of 2 quart horizontal agitator.
For June 11.
- g. Notes on mechanical details and general clean up of work.
For June 25.
- h. Here the actual design of the 20 ton/day plant should begin.
(Actually Dr. REICH had hoped to get it moving by September, but I think this estimate is too optimistic) and the work will be reported as soon as available, as I have had no experience in such.

WRB:ebn

Item #29
65-4307

matters it is very difficult for me to place a time limit for a complete report on the construction and operation of the plant. Much of the data will be unknown until the plant is actually running for some time as no one else has ever done anything similar to it, and we only can observe what happens, not what we hope would happen — theorizing as to results in such a case is very hazardous. Thus, fairly conservative estimates of the time required to completely finish the report on the 20 ton/day plant would be about the end of December 1938.

WRB:ebn

Item #29

Penna. Sugar Co.

The strike at the Penna. Sugar Co. (begun on June 23) was settled in the week ending July 12, and work was begun immediately. The settlement also included the McCahan Refinery, but the Franklin Company still held out though they must soon come to an agreement or lose all of their business. The terms included a closed shop, no pay cut, a week's vacation with pay. There is also an unusual clause providing seniority rights for a "labor pool", so that if one refinery is slow, workers can temporarily be transferred to the other refinery in order of seniority.

Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC, Philadelphia

FROM : SA T. SCOTT MILLER, JR.

SUBJECT: HARRY GOLD, was.
ESPIONAGE - R

DATE: 6/23/50

EXHIBIT NO. 65-4307-1-B-5 (29-18)
(P.S. CO.)

The above was shown to GOLD on 6/17/50, at which time he said that the handwriting on this single page was his. He said that this was a rough draft report for his superior, FRED, and was concerned with the exhibit entitled "PENNA. SUGAR CO." GOLD said that this was submitted to FRED in 1938.

TSM:HKT
65-4307

CC: 65-4337

65-4307-671

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Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC

FROM : SA T. SCOTT MILLER, JR.

SUBJECT: HARRY GOLD, WAS.
ESPIONAGE - R

DATE: 6/27/50

65-4307-1-B-5 (29-18)

RECOVERY OF CO₂ FROM FLUE GAS

The above was shown to GOLD on June 18, 1950 at which time he stated that these two pages were in his handwriting and were a rough draft of a report, the final form of which he submitted to FRED sometime in 1938.

GOLD stated that this was additional material on CO₂ recovery, and that the second page consists merely of rough calculations.

tam/rac
65-4307

CC: 65-4337

65-4307-672

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[Signature]

Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC

FROM : SA T. SCOTT MILLER, JR.

SUBJECT: HARRY GOLD, WAS.
ESPIONAGE - R

DATE: 6/27/50

65-4307-1-B-5 (29-18)

WORK TO BE DONE ON FLUE GAS

The above exhibit, consisting of six pages of handwritten notes, was shown to GOLD on 6/18/50 at which time he admitted that it was in his handwriting and was a rough draft of a report, the final form of which was given to his Soviet superior FRED sometime in 1938.

GOLD stated that this material was on research being conducted by Dr. REICH and GOLD at Pennsylvania Sugar on the possibility of recovering CO 2 from flue gas.

Relative to page 4, it will be noted that the last line reads, "Next meeting April 30". GOLD said that this probably refers to the next meeting between FRED and himself and probably it did not take place as GOLD was hurt in an explosion.

Relative to the dates appearing in the material on page 5, GOLD offered two possibilities:

- (1) These were dates GOLD hoped to furnish the information to FRED.
- (2) Dates when the actual completion of the work was expected.

GOLD stated that the plan on CO 2 recovery never got to operating, and added that this was what got GOLD interested in the theory of thermal diffusion of gases.

tsm/rac
65-4307

cc: 65-4337

65-4307-673

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Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC, Philadelphia

FROM : SA T. SCOTT MILLER, JR.

SUBJECT: HARRY GOLD, was.
ESPIONAGE - R

DATE: 6/23/50

EXHIBIT NO. 65-4307-1-B-5 (29-18)
(PENNA. SUGAR CO.)

The above is one page containing handwritten notes of GOLD.

On 6/17/50 GOLD advised that this was a rough draft of a report for FRED and was written in about 1938. GOLD said that there was a big strike at PENNSYLVANIA SUGAR which began about February of 1937 and lasted five weeks, and during that time GOLD did not work but did not report that to STEVE because he was afraid of what STEVE might say. GOLD said, however, that judging from the date in the above exhibit, he would guess that that concerned a smaller strike in June of 1938.

TSM:HKF
65-4307

cc: 65-4337

cc: 65-4335

65-4307-674

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[Handwritten signature/initials over stamp]

Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC

FROM : SA T. SCOTT MILLER, JR.

SUBJECT: HARRY GOLD, WAC.
ESPIONAGE - R

DATE: 6/27/50

65-4307-1-B-5 (29-18)

SPECIFIC GRAVITY TABLE

The above exhibit was shown to GOLD on 6/18/50. He stated that this photostat was merely a reference table on specific gravity which was used a great deal by chemists. He stated that the word "HARRY" was not in his handwriting, but was probably written by Dr. GUSTAV REICH or Miss CATHERINE HOAG.

tsm/rac
65-4307

65-4307-625

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Copy sent to NY 11-2-50

Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC

FROM : ALBERT L. PIERCE, SA

SUBJECT: HARRY GOLD, WAS.
ESPIONAGE - R

DATE: June 8, 1950

ANALYSIS OF GOLD RESIDENCE SEARCH MATERIAL

Exhibit #65-4307-1B5 (29-18)

Re search memo of SA (A) ELWOOD A. PETT 6-5-50, page 15.

DESCRIPTION:

Five (5) sheets of yellow paper, which appeared to be in GOLD's handwriting. These were headed "Financial & Social History of the Gold Family." These pages listed GOLD's employment history since graduating from high school until he moved to 5032 North Boudinot Street. They indicate that GOLD's financial circumstances were low during this period, and that they were almost evicted from their home. However, KARL SCHOFIELD, a young lawyer, averted this. Readable copies of these pages were made because GOLD's handwriting was very poor. These copies are attached to this memorandum. An additional copy of each sheet has been attached to the exhibit.

LEADS:

Will exhibit these sheets to GOLD for his interpretation and his reason for writing about his financial troubles.

Will locate and interview KARL SCHOFIELD, the lawyer mentioned, and will obtain any information he may have bearing on this case.

doubtful value

ALP:MEMCG
65-4307

cc: 65-4337

KARL IVINS SCHOFIELD, ESQ.
4322 PINE ST.
PHILA, PA -

BORN 1902 - ASST. CITY SOLICITOR

65-9674
100-3089-25

65-4307-676

PHILADELPHIA
JUN - 1950

Handwritten:
J.S. Miller

Item #24

①

Financial & Social History of the Gold Family

After graduating from high school, I worked for two years as a routine analytical chemist at the Penna. Sugar Co. In this time I managed to save over \$2200 due to the fact that my father was regularly employed and my mother used his money for the upkeep of the household and put practically all of my pay in the bank. As I was averaging over \$35.00 a week (at that time we worked 12 hours a day and 7 days a week), it can readily be seen how this comparatively large amount accumulated.

In September 1930, on the advice of Dr. Reich, I left work and entered in the course in the Towne Scientific School in the University of Pennsylvania. Immediately after this, my father began to work irregularly and soon was laid off entirely. Also, when I had completed one year at the University, the summer work which Dr. Reich had promised me and which I had hoped would bring me over \$300, failed to materialize.

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2

All this time when my mother needed money I told her to draw from my account at the bank. At the beginning of my second year at school, I realized that I would soon have to return to work but hoped to complete at least two years which would be just half of the work required for a degree. In February 1932 before the start of the second half of the sophomore year, with just sufficient money left to pay my tuition until June, I again went to Dr. Reich and he advised me to complete the second and he would then give me my old job and also promised to find a job for my father at the Sugar Co. if pop did not obtain one in the meantime. However, my father did not get the job he so confidently expected. Reich did not come through as he had said and in March I suddenly had to leave school to forestall the constable who had a levy on the goods in the house we rented from dispossessing us. Here I went directly to the owner of the house.

RHO:ntp
65-4307

Item #29

(3)

Karl Schofield, a young lawyer who had entrusted the house to an agent who was sending the constable. Schofield averted this disaster and we have since dealt directly with him. The relationship has been more that of friends than of landlord and tenant. Also, the University was very nice at that time in returning three-quarters of the tuition I had paid in February. This came to over \$150.

In May of 1932 Dr. Reich obtained a job for me at the Sugar Company but not in his department and in December I lost my job in a general layoff. This happened just as I had cleared all of the debts of the family and we again went into a hole.

In February 1933 I obtained work as an analytical chemist at the Holbrook Mfg. Company near Jersey City, New Jersey, a soap concern. Unfortunately half of the \$30.00 a week went for living expenses and I could only send \$15.00 home

Item #29

(4)

So when Dr. Reich offered me my old job back I had to accept and have been with the Sugar Company since. In the meantime, our debts have mounted - \$240 rent to Schofield, \$80.00 for meat from Coltman the butcher, etc. and it was several years before we paid them off, even though my father was beginning to work somewhat regularly. Also, in 1935, my younger brother graduated from high and has since helped out by working part time for a delivery company. At first he made only \$6.00 a week but he is now working regularly and earns \$18.00. My father's employment at the RCA Victor Company is still irregular and at present, he is only working one day a week which brings only \$5.00.

We have just moved from our old address at 2540 S. Phillip Street to a much better neighborhood. This was absolutely necessary as the street in the entire section of the City had become a complete slum.

(5)

- noisy, filthy, and infested with many unsavory characters. This made my mother very nervous and I also could only work at home in the early hours of the morning when it was reasonably quiet. It was also impossible to invite any professional friends in whom we might be interested, to such a neighborhood.

The new home at 5032 N. Boudinot Street, about 10 miles north of the old location, is a very quiet section and is a far better home. It contains a kitchen, breakfast room, dining room, parlor, an enclosed porch on the first floor, and three bedrooms and a bath on the second floor. There is a one car detached garage. The home rents only for \$35.00 a month, \$7.00 more than we paid at South Philadelphia.

Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC, Philadelphia

FROM : SA T. SCOTT MILLER, JR.

SUBJECT: HARRY GOLD, was.
ESPIONAGE - R

DATE: 6/23/50

EXHIBIT NO. 65-4307-1-B-5 (29-18)
(FINANCIAL AND SOCIAL HISTORY OF THE GOLD FAMILY)

The instant exhibit consists of five pages of GOLD's handwriting, in which he set forth biographical information on himself and his family.

GOLD said that this was the rough draft of a report which was subsequently submitted to FRED. GOLD said that this was probably written in the early part of 1938 and shortly after he first met FRED, because he recalls that FRED at one of the first meetings instructed GOLD to submit such a biographical sketch on himself. GOLD stated that all the information set forth in this rough draft report is quite true.

This exhibit was shown to GOLD on 6/17/50.

TSM:HKF
65-4307

CC: 65-4337

65-4307-677

SEARCHED	INDEXED
SERIALIZED	FILED
JUL 19 1950	
FBI - PHILADELPHIA	

Ry

Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC ~~Washington~~

FROM : ALBERT L. PIERCE, SA

SUBJECT: HARRY GOLD, WAS.
ESPIONAGE - R

DATE: June 8, 1950

ANALYSIS OF GOLD RESIDENCE SEARCH MATERIALExhibit #65-4307-1B5 (29-18)

Re search memo of SA (A) ELWOOD A. PETT 6-5-50, page 15.

DESCRIPTION:

Four (4) sheets of paper, apparently in GOLD's handwriting, containing information regarding the types of information available in various military publications. The notation appeared on the page of the U. S. Naval Institute proceedings indicating that it could be subscribed to by a private citizen. On this same page appeared a rough draft of an application for membership in the U. S. Naval Institute enclosing dues and indicating that the issues of the Institute proceedings were expected.

Readable copies of these pages were made because GOLD's handwriting was very poor, and are attached to this memorandum. An additional copy of each sheet has been attached to the exhibit.

LEAD:

Will exhibit these pages to GOLD and obtain his explanation regarding his reasons for preparing them.

ALP:MEMCG

65-4307

cc: 65-4335

cc: 65-4337

65-4307-678

JUN 14 1950

Jensen
F.S. Miller

Item # 29
PH 65-4307

U. S. Naval Inst. Proceedings
Published monthly
Can be subscribed to by private citizen.
Some tech. articles. All notices of new ship contracts
Keep on latitude more in torpedo fire
Edited by U.S. Naval Officer.

Application for membership

U. S. Naval Institute
Annapolis, Maryland

Date

I hereby apply for membership in the U. S. Naval Institute and enclose
\$3.00 in payment of dues for the first year to begin with the
issue of the Proceedings (The monthly magazine of the U. S. Naval
Institute)

Name

Address.....

WRB:elm

Item #29
PH 65-4307

Philadelphia Navy Yard News

Published monthly by Navy Yd Development Assn.

Mostly social.

Description of physical testing lab

Notices of meetings of beneficial lodges.

WRB:ebn

Item #29

PH 65-4307

The Military Engineer

Published by Society of American Military Engineers, the Mills Building; Pennsylvania Avenue and 17th St., N.W., Washington, D.C. Bi-monthly, November - December. Article by U.S. Army Officer Corps of Engineers
Mostly on harbor improvement and dredging movements of Armed Services, etc. Nothing of value.
\$4.50 one year.
Back numbers 75¢ per one copy

Recruiting News, published monthly by Recruiting Publicity Bureau, U. S. Army, Governors Island, NY.
Just articles, general news, sports, to make Army life seem attractive but some news might leak there.
No price but can be obtained in library.

(On back of same sheet appears following:)

Army Ordnance published by Army Ordnance Association, Suite 807, the Mills Building, Washington, D.C. Issued Bi-monthly, November - December. Can be subscribed to \$4.50 one year, 75¢ one issue. Can also be joined by U. S. citizen. Advertisements may be of use as many are by manufacturers of ordnance. Example: AM. ARMAMENT CORPORATION WORKS
Hoboken, N.J.

Derry, Pa.

6 E. 45th St., NY NY

Advertisement for 105 millimetres smooth bore infantry mortar suitable for chemical warfare. Range up to 2,750 yds. with 15 lb. shell. Breaks up into 3 loads of 65 lbs. each.

Articles mostly historic by members of U.S. Army. Notice of aircraft contracts to one firms. Notice of refusal of War Department for ALEX P. DeSEVERSKY to fly plane in Bendix Trophy Race due to secret features of plane. W.D. has ordered 8.

WRB:ebn

Item 29
PH 65-4307

Society of Naval Architects and Marine Engineers, Transactions
Published yearly; bound volume
Printed by WILLIAMS PRESS, INC., Albany, NY

Society of Naval Architects and Marine Engineers
29 W. 39th St., NYC
Articles such as Strength of Plating in Compression
Also volume list of members
BENSON, THOMAS E., Naval Arch., PENNSYLVANIA SHIPPING COMPANY,
260 S. Broad Street, Philadelphia, Pa.

WRB:ebn

Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC

FROM : SA T. SCOTT MILLER, JR.

SUBJECT: HARRY GOLD, WAS
ESPIONAGE - R

DATE: 6/27/50

65-4307-1-B-5 (29-18)

PHILADELPHIA NAVY YARD NEWSUNITED STATES NAVAL INSTITUTE PROCEEDINGSSOURCE OF NAVAL ARCHITECTS AND MARINE ENGINEERS

GOLD said that the above three pages were in his handwriting and were rough drafts of reports which were subsequently submitted to his Soviet superior. GOLD stated that he believed it was STEVE who asked him to write up the U. S. Naval Institute Proceedings document because STEVE's English was not too good and this document was concerned with submitting an application for membership in the USNI.

Relative to the others, GOLD stated that possibly STEVE or FRED instructed GOLD to obtain a list of journals, publications, etc., about the Navy, and also, which of these publications and journals could be subscribed to.

GOLD also said that either STEVE or FRED wanted the names of reputable naval architects and that GOLD understood that the Soviets were considering using some of them for legitimate work.

GOLD stated that he obtained the above information from the public library in Philadelphia.

THE MILITANT ENGINEER

GOLD stated that the handwriting on this one sheet of paper was his and was a rough draft of a report which was subsequently submitted to STEVE or FRED.

tam/rac
65-4307

cc: 65-4337

cc: 65-4335

65-4307-6792u

SEARCHED.....	INDEXED.....
SERIALIZED.....	FILED.....
JUL 19 1950	
FBI - PHILADELPHIA	

RM

MEMORANDUM, SAC

GOLD stated that at the same time he received instructions to obtain information about Navy periodicals and naval architects, he was also instructed to obtain similar information about Army matters, and that this was why he submitted the above report. GOLD stated that probably the Soviets wanted to place orders for new armaments and also wanted to keep up with any new armaments being made.

Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC ~~ALBANY~~
FROM : ALBERT L. PIERCE, SA
SUBJECT: HARRY GOLD, WAS.
ESPIONAGE - R

DATE: June 8, 1950
*Long Island Refining Co. Soap*ANALYSIS OF GOLD RESIDENCE SEARCH MATERIALExhibit #65-4307-1B5 (29-1B)

Re search memo of SA (A) ELWOOD A. PETT 6-5-50, page 15.

DESCRIPTION:

One sheet of paper containing information regarding soap making by the LONG ISLAND REFINING COMPANY and "CLAYTON". This sheet lists a number of chemical abstracts, apparently referring to this question.

Since GOLD's handwriting was very poor, a typewritten copy of this sheet has been prepared and is attached to this memorandum. An additional copy was made and placed on the exhibit sheet.

LEADS:

Will exhibit this sheet to HARRY GOLD for his explanation regarding its meaning.

Will obtain the name of the person for whom this report was made and the approximate date thereof.

Will further question GOLD regarding his source of information on the subject of soap making and the names of any other persons who may have helped him to obtain this information.

ALP:MEMCG
65-4307

cc: 65-4932
*Completed 6/13/50*65-4307-680
20

PHILADELPHIA
JUN - 8 1950
Jensen Rg

Item #29
PA 65-4307

CLAYTON continues soap (making) process or continuous Saponification process. The patents may be in the name of the "LONG ISLAND REFINING COMPANY". Look under

I. Subject index

- a. Soap
- b. Saponification (continuous)

II. Author index

- a. Clayton
- b. Long Island Refining Company

^a
Chemical abstracts
1936-1932

1932 - 11146¹ subject

1935 - 5675⁸ author

1936 - 638² author

1936 - 2415¹ subject
1250⁴

1935 7684¹ subject

WRB:ebn

Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC

FROM : SA T. SCOTT MILLER, JR.

SUBJECT : HARRY GOLD, WAS.
ESPIONAGE - R

DATE: 6/27/50

65-4307-1-B-5 (29-18)

"CLAYTON CONTINUOUS SOAP-MAKING PROCESS"

GOLD stated that this concerns a process which was sold to the National Oil Products Company (NOPCO) and a plant was built on Long Island for the manufacture of soap under this process.

GOLD said that THOMAS L. BLACK had been given the assignment by the Soviets to obtain this process and BLACK had asked GOLD to check references in Chemical Abstracts.

GOLD stated that all of the material is in his handwriting with the exception of the last five lines which, he states, might possibly be in the handwriting of his brother, JOSEPH GOLD, who was out of work at this time, and GOLD stated that he might possibly have asked his brother to check the references in the Chemical Abstracts. GOLD stated that he could do this without arousing any suspicion on the part of his brother since this was concerned with a very common product and the Abstracts were in the GOLD residence as GOLD subscribed to them.

tam/rac
65-4307

CC: 65-4332

65-4307-681

SEARCHED.....	INDEXED.....
SERIALIZED <i>sl</i>	FILED <i>sl</i>
JUL 19 1950	
FBI - CHICAGO - 1A	

Ry

Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC ~~ALBANY~~

FROM : ALBERT L. PIERCE, SA

SUBJECT: ARTHUR COLTMAN
ESPIONAGE - R

DATE: June 8, 1950

*LaSalle*ANALYSIS OF GOLD RESIDENCE SEARCH MATERIALExhibit #65-4307-1B5 (29-18)

Re search memo of SA (A) ELWOOD A. PETT 6-5-50, page 15.

DESCRIPTION:

Two sheets of paper, apparently in GOLD's handwriting, one of which bears the heading "Lanolin." These sheets apparently concern attempts to obtain information regarding the use of an emulsion of lanolin in Ethyl alcohol through ARTHUR COLTMAN, who was then a senior in the Pre-Medical Course at LaSalle College, Philadelphia. GOLD indicates that he has known COLTMAN since he was small, and was formerly a schoolmate of his older brother.

Typewritten copies of these sheets have been made and are attached to this memorandum, since GOLD's handwriting was very poor. Additional copies were made which have been attached to the pages in the exhibit.

LEADS:

Will exhibit these sheets to HARRY GOLD for his explanation of their meaning.

Will obtain full information from GOLD regarding any requests made by his superiors for information concerning the lanolin emulsion.

Will obtain full information from GOLD regarding any espionage activity of ARTHUR COLTMAN.

Will obtain the name of the person requesting this information and the date concerned.

ALP:MEMCG

65-4337

cc: 65-4307 (HARRY GOLD)

*Corrected 6-16
Rec'd 6-13*

65-4307-682

PHILADELPHIA
JUN - 1950*Jensen
G. S. Miller*

MEMO SAC

6/8/50

Will obtain complete background information regarding ARTHUR COLTMAN.
(The name LEON COLTMAN appeared on a letter addressed to GOLD postmarked July 23, 1931, indicating that GOLD was spending his vacation at Far Rockaway, N.Y.)

Item #29

Lanolin

The info on the use of an emulsion of lanolin in Ethyl alcohol has been obtained through ARTHUR COLTMAN, a senior in the pre-medical course at LaSalle College in Philadelphia. He is planning to enter medical school in the fall. I have known ARTHUR since he was a little boy of two or three years. His father has been our butcher for the past nineteen years, and he has developed into an extremely intelligent young man. I was formerly a schoolmate of his elder brother, since married, and we have been drawn together by a common interest in chemistry and photography.

ARTHUR has been doing research work on the effect of various drugs on daphnia (magna). This work was carried out under the direction of one of the chemistry professors at LaSalle and it was this man who sent ARTHUR to the Hahnemann Hospital to obtain some of the necessary drugs (morphine, strychnine) from a certain doctor, unfortunately the names have escaped me, who was also engaged in work on the same problem. It was at this hospital in the same laboratory that he met the two young doctors who had discovered the remarkable value of the lanolin emulsion and heard of the numerous varied cases in which it was used.

ROH:HKF
65-4307

Item #29

Emulsion and heard of the numerous varied cases in which it was used. It now develops that the two doctors wished to make some money out of their discovery and are going to market their product under a trade name to the Medical Profession. To get around the ethics of the Hypocrates Oath, their identity will be screened by a go between. Just how this is being done I do not know. They have also hired a competent chemist to analyze the various emulsions they have obtained as previously they had prepared them in a very haphazard fashion but also with good results. Now they wished to standardize the method of PPN as the solution is now being distributed free to interested medical men with the idea of obtaining all possible data on its affects.

The men concerned are now very secretive about the matter, according to Arthur, and he himself, must be questioned very cautiously, less he get too suspicious.

Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC

FROM : SA T. SCOTT MILLER, JR.

SUBJECT: HARRY GOLD, WAS.
ESPIONAGE - R

DATE: 6/27/50

65-4307-1-B-5 (29-18)

LANOLIN

The above exhibit was shown to GOLD on 6/18/50 at which time he stated that the two pages comprising this exhibit are both in his handwriting and that it was a rough draft of a report which was subsequently put in final form and submitted to his Soviet contact FRED.

GOLD said that the ARTHUR COLTMAN referred to in this report was a good friend of the GOLD family. GOLD said that ARTHUR's older brother, LEON, was especially a friend of HARRY GOLD. GOLD said that LEON subsequently went into business for himself making hard rubber products in Northeast Philadelphia.

Relative to ARTHUR COLTMAN, GOLD said that he graduated with honors from Hahnemann Medical School, subsequently becoming an M.D., and is presently practising somewhere in Northeast Philadelphia.

GOLD believes that the interest in lanolin was instituted by his Soviet superior FRED.

GOLD stated that this report was probably submitted sometime between 1938 and 1940, and that he does not recall furnishing the Soviets any further information on this subject.

GOLD stated that ARTHUR COLTMAN was not connected with Soviet espionage and that GOLD was very happy that he added the last paragraph in the report about the necessity of questioning COLTMAN very cautiously lest he get too suspicious.

tsm/rac
65-4307

CC: 65-4337

65-4307-683

SEARCHED	INDEXED
SERIALIZED	FILED
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FBI - PHILADELPHIA	

Ry

Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC

FROM : ALBERT L. PIERCE, SA

SUBJECT: HARRY GOLD, WAS.
ESPIONAGE - R

DATE: June 8, 1950

ANALYSIS OF GOLD RESIDENCE SEARCH MATERIALExhibit #65-4307-1B5 (29-18)

Re search memo of SA (A) ELWOOD A. PETT 6-5-50, page 15.

DESCRIPTION:

Five sheets of paper, apparently in GOLD's handwriting, entitled "The Amylo Process." These sheets describe GOLD's attempts to obtain information regarding this process from Dr. REICH, apparently of the Pennsylvania Sugar Company, where he was employed.

Readable copies of these pages were made because GOLD's handwriting was very poor, which are attached to this memorandum. An additional copy of each sheet has been attached to the exhibit.

LEADS:

Will exhibit these sheets to GOLD to obtain GOLD's explanation of his reason for writing them.

Will contact Dr. GUSTAVE REICH at the Pennsylvania Sugar Company for any corroborating information he may be able to furnish regarding these sheets.

DR. GUSTAVE T. REICH
4604 OSAGE AVE
OFFICE 1422 CHESTNUT ST.

ALP:MEMCG
65-4307

CC: 65-4335

65-4307-684
JUN 10 1950
FBI - PHILADELPHIA

Item #24

THE AMYLO PROCESS

As the plant is in more a state of siege than ever, I was unsuccessful in several attempts to gain admittance to the plant so that I might see Dr. Reich. However, I did call him twice and we discussed the report on the recovery of CO 2, which I am completely through with the work. We also talked of the design for the new 10 ton dry plant design and agreed that it was a shame that the strike had interrupted _____'s work on the plans. Reich stated that as soon as the trouble was over (and he has no definite idea when this will be), we would rush to complete the work. I said I was very anxious to see the results of the great amount of work we had put into the job. I am to keep calling him every few days.

Item #29

The writer gained his information concerning the "AMYLO" process in the following manner:

On the afternoon of Thursday, March 17, I was in the office of Dr. Reich discussing some data I had obtained on the recovery of CO 2 and others present were Miss Hoag, ———, and Arthur ———. The phone rang and Dr. Reich's secretary answered.

She then turned to him and said, "Mr. ——— (here I didn't catch the name) of the Takamini Laboratories is calling. He has been recommended by Mr. Kirkpatrick and he desires to speak with you concerning the 'AMYLO' process and wants to know when he can arrange an appointment." Reich mused awhile, "The Takamini Laboratories, and he says he has been sent by Kirkpatrick. Tell him I will be out of town Friday and Saturday and that I will be very busy on Monday, but I can see him here at the plant on Tuesday." Miss Hoag transmitted this

Item #29

Message , listened for a few moments, and then said to the Doctor, "The gentleman says he is calling from Freeholt, New Jersey and he will be in New York tomorrow and wants to know if he can meet you there."

At this, my employer threw up his hands in disgust and said, "Oh, such horrible people. It is typical of the Japanese. They are so arrogant. Here, he wants me to give him info concerning the AMYLO process, and that I should do it at his convenience. Tell him I cannot see him tomorrow and to call some time next week."

Still angry, he turned to me "Such gall, it's a wonder he doesn't want me to pay for his long distance call. There are only two or three plants in the world which use the AMYLO process and I am one of the few people who has ever seen it in operation. It is the only method, you know, for preparing AMYL alcohol by direct fermentation and it works

Item #29

About IST in a warm climate that is why the Japanese are so interested in it. Yes, I know all about it.

At this, I recalled a few years ago that Reich had made a trip to Cuba and South America, as well as several trips to Europe. At first I did not catch on as to the nature of the caller or the company he represented and had not paid much attention, but now, though very interested, I pretended that I only wanted to finish our discussion and get back to work. Here I also recalled that our mutual friend had once asked if there were such a process and I had not known anything about it. Since then, I have only been able to determine that no Japanese has visited Dr. Reich at the plant. Whether they have met outside I do not know. The following are the possibilities as far as gaining any information concerning this process:

1. Dr. Reich has the process only in his mind and has no written description of it. This is very unlikely as he is a scientific man and keeps very methodical and complete records.
2. That this data may be kept at his home. (He has maintained two apartments in Philadelphia; one in the central city district and one in the suburbs), and in this case, it would be very difficult to obtain.
3. That the data may be in the files of his office at the plant and in this case, a systematic survey would reveal their exact whereabouts and I could easily obtain them.

Here on
down
on
separate
page

Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC

FROM : SA T. SCOTT MILLER, JR.

SUBJECT: HARRY GOLD, WAS.
ESPIONAGE - R

DATE: 6/27/50

65-4307-1-B-5 (29-18)

"AMYLO PROCESS"

This exhibit, consisting of five handwritten sheets of paper, were shown to GOLD on 6/18/50. GOLD identified this material as all being in his handwriting and stated that it consisted of a rough draft of a report which he later put in final form and gave to FRED.

GOLD said that this material was written by him in the summer of 1938 and probably during the period of the July strike at Pennsylvania Sugar Company.

GOLD said that "Amylo" was the name used for a process to develop amyl alcohol. GOLD said that Dr. GUSTAV REICH at Pennsylvania Sugar had been working for some time on this process.

On the third page of this material is a reference to "our mutual friend". GOLD said that this undoubtedly refers to STEVE SWARTZ and indicates to GOLD that STEVE must have at one time asked GOLD about this process.

GOLD recalled that FRED, at one time, had given him a list of material in which the Soviets would be interested and stated that among them were:

- (1) Information which might be received from a firm in the neighborhood of Lancaster, Pa., a firm which made simulated leather finishes.
- (2) Information on the "Amylo Process".
- (3) Medical information.

The Miss HOAG referred to in the above exhibit was Miss CATHERINE HOAG, a stenographer at Pennsylvania Sugar who subsequently married a man named HUSKEY.

The SIMMERS referred to in this exhibit is ARTHUR L. SIMMERS, a design engineer who was with Pa. Sugar at that time, and who was with Dr. REICH until October, 1949.

tsm/rac
65-4307

cc: 65-4335

65-4307-695

SEARCHED.....	INDEXED.....
SERIALIZED.....	FILED.....
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Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC [REDACTED]

FROM : SA T. SCOTT MILLER, JR.

SUBJECT: HARRY GOLD, WAS.
ESPIONAGE - R

DATE: 6/27/50

65-4307-1-B-12 (1) - Folder #3

MATERIAL FOUND ON BOTTOM SHELF OF
CABINET IN GOLD'S HOME

The above exhibit was shown to GOLD on 6/24/50. This exhibit is a manila folder admittedly bearing GOLD's handprint, "Miscellaneous".

GOLD stated that the first three yellow pages of this folder, which are dated 4/5/41 and entitled "Houdry Process", contain an article on oil production and the Houdry Process. GOLD stated that he did this work at the Philadelphia Public Library for his Soviet contact SAM. GOLD said there was a possibility that a final draft of this material was never given to SAM in view of the date on the material, which was about the time that SAM discontinued contacting GOLD until later in 1941.

GOLD stated that in this three page outline are several initials identified as follows:

M. H. refers to Marcus Hook, Pa.

S. V. refers to Socony Vacuum

S. O. refers to Standard Oil

Mag. refers to Magnolia Petroleum Company

Attention is called to the fact that in this outline the name E. B. BADGER & SONS COMPANY is mentioned. During the time that SEMENOV was in this country, he was in the BADGER offices on numerous occasions.

tsm/fac
65-4307

cc: 65-4212

65-4307-686

SEARCHED	INDEXED
SERIALIZED	FILED
JUL 19 1950	
FBI - NEW YORK	

17

Folger 29

(4)

2540 S. Phillip Street
Philadelphia, Pa.
April 9, 1938

The Registrar
Massachusetts Institute of Technology
Cambridge, Massachusetts

Dear Sir:

I am writing for information relative to the completion of my Under Graduate work in Chemical Engineering at University of Cincinnati. I graduated from high school in June 1928. My education has since consisted of

- a) Sept. 1930 to March 1932 - Under Graduate work in the course in Chemistry at the Towne School of the University of Pennsylvania
- b) February 1934 to June 1936 - Continuation of my studies at Drexel Institute Evening School in the course in Chemical Engineering.

I completed the course with all A grades and received my diploma in June, 1936.

I realize that I am writing quite late for admission in September. To help straighten definitely settle these matters, may I have a personal interview as soon as possible. My vacation is during the next two weeks and I could arrange to come to Cincinnati on any day you specify.

This appeared on reverse of page 75

RHO:mtp
65-4307

65-4307-687

SEARCHED	INDEXED
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FBI - CINCINNATI	

(5)

In the interim, I have been constantly in the employ of the Penna. Sugar Co. in Philadelphia with the exception of one period (February to September, 1933), when I worked for the Holbrook Mfg. Co. of Jersey City, New Jersey, a soap concern. I have been engaged mostly in routine analytical work but last May I was transferred to plant development. Would you kindly send me information and catalogs concerning the details of entrance.

The interruptions in my studies have been occasioned by the necessity of supporting my parents and younger brother. I wish to thank you for any assistance you may give me.

Yours sincerely,

Harry Gold

Item #29

Report on Letters from MIT

Unfortunately I have been unable to locate the three letters I received from MIT. My mother believes that she burned them about two weeks along with some other papers when she was cleaning out my room, preparatory to our moving. She is not very sure on this point and I'm still looking for them. They may only have been mislaid. Nothing was lost in transit as a very reliable company, Miller North Broad Storage, did the work, however, I shall relate the subject matter of these letters as best as I can:

1. Letter from Professor Walter G. Whitman, head of the Department of Chemical Engineering, stating:
 - a) He was pleased to hear from me as MIT welcomes the more mature students in their Undergraduate courses.
 - b) He was turning my letter over to the Registrar's Office which handled the valuation of credits and other details of entrance.

Item #29

- c) He personally believed that it would take about two years to finish the required work.

2) A letter from the registrar

- a) Enclosing various catalogs of the school relating to the info I desired.

- (1) Tuition \$500 per year
- (2) Total cost \$1400 - \$1000 one year
- (3) If summer school work taken, \$400 to \$500 extra total cost

- b) Asking me to have the University of Pennsylvania and Drexel Institute Evening School send the grades I had obtained.

3) A letter from the registrar (several weeks after the first one) stating

- a) That it would probably take from 2 to 2½ years for me to obtain a degree

- b) The exact time could not be stated as the recognized evening school work in various subjects was left to the discretion of the various professors, and they would only decide after a personal conference with me once I had entered.

Item #29

2540 S. Phillip Street
Philadelphia, Pa.
April 10, 1938

Professor Walter G. Whitman
Massachusetts Institute of Technology
Cambridge, Massachusetts

Dear Professor Whitman:

I have been advised to write to you by Morris E. Ruckman, one of your former students, regarding information as to entrance in the Undergraduate Course in Chemical Engineering at MIT. I am now 27 years old and am employed by the Penna. Sugar Co. in plant development work. Below is a chronological listing of my technical experience and education:

Sept. 1928 - Sept. 1930 - Routine analytical work at Penna. Sugar Co.

As I have saved considerable money in this period (over \$2,000) I left to enter the Towne School.

RHO:tp
65-4307

65-4307-688

SEARCHED	INDEXED
SERIALIZED	FILED
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FBI - PHILADELPHIA	

my

~~Item #2~~
PH 65-4307

(2)

April 1932 - December 1932 - plant operator

(Preparation of yeast for fermentation cultures) at PENNSYLVANIA ALCOHOL CORPORATION, a subsidiary of the sugar company. Laid off due to depression. February 1933 to September 1933 routine chemist at HOLBROOK MANUFACTURING COMPANY at Jersey City, New Jersey. This firm made laundry and toilet soaps, and my work comprised the analysis of the fats and oils used, the finished soap, and of the glycerine made as a by-product. I was the only one employed in the laboratory, and left only because I could send very little of my pay home.

September 1933 to present routine analytical work at Pennsylvania Sugar Company. Transferred to research in June 1936 on completion of m.s. Transferred to plant development work in May 1937.

February 1934 to June 1936 continued my education at Drexel Institute Evening School, graduating in the course in Chemical Engineering with all A grades.

WRB:ebn

Item #29
PH 65-4307

(3)

My father and brother are now employed and I am now in a position to continue my schooling for a degree either next Fall or the following February. May I send you my credentials and credits so that you may advise me as to the approximate time necessary to complete my studies and give me some idea of what courses I would have to take? I am writing at the same time to the Registrar's Office for a catalog of the Undergraduate School and general information relative to tuition and other costs at M.I.T. I hope I will hear from you soon and I wish to thank you for any assistance you may give me.

Yours sincerely,

HARRY GOLD

WRB:ebm

Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC _____

FROM : ALBERT L. PIERCE, SA

SUBJECT: HARRY GOLD, WAS.
ESPIONAGE - R

DATE: June 8, 1950

ANALYSIS OF GOLD RESIDENCE SEARCH MATERIALExhibit #65-4307-1B5 (29-18)

Re search memo of SA (A) ELWOOD A. PETT 6-5-50, page 15.

DESCRIPTION:

A number of sheets of paper which appear to be in GOLD's handwriting. Five (5) of these appear to be rough drafts of letters from GOLD to the Massachusetts Institute of Technology, Cambridge, Mass., regarding his possible entrance in an undergraduate course in Chemical Engineering at MIT, and/or completion of undergraduate work in Chemical Engineering at the University of Cincinnati. These letters set out background regarding GOLD's schooling and employment.

In addition to these letters there are two sheets which are headed "Report on Letters from MIT." These list GOLD's best recollection of the points covered in letters received from the Massachusetts Institute of Technology.

Readable copies of these sheets have been prepared due to GOLD's poor handwriting, and are being attached to this memorandum. One copy has been attached to the exhibit sheet to which it corresponds.

LEADS:

Will question GOLD regarding these letters and determine to whom this report was made.

ALP:MEICG
65-4307

cc 65-4337

Covered in report

65-4307-689

PHILADELPHIA
Jensen
T. S. Miller

MEMO SAC

6/8/50

Will obtain GOLD's explanation of why he was writing to MIT regarding his attendance at the University of Cincinnati.

Will also determine if GOLD was attempting to obtain money by showing his financial needs in this connection.

Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC
FROM : SA T. SCOTT MILLER, JR.
SUBJECT: HARRY GOLD, WAS
ESPIONAGE - R

DATE: 6/27/50

65-4307-1-B-5 (29-18)

REPORT ON LETTERS FROM MIT

The above exhibit was shown to HARRY GOLD on 6/18/50 at which time he stated that the seven pages were all in his handwriting and were rough draft reports which were subsequently submitted to his Soviet superior FRED. GOLD said that he made these reports up at the time he was considering going to MIT, which would place the reports prior to the fall of 1938.

GOLD said that when he brought the subject up of going to school that year, FRED suggested that there was only one place to go, and that was MIT. GOLD said he did not want to go there because of the high cost of an education at that institution. GOLD said that the reason for his estimating the cost of going to MIT was because FRED requested it and GOLD set out how much it would cost to show FRED why he was unable to go. FRED told GOLD to go ahead and go to MIT and not to worry about the cost. GOLD said that he could not consider this and probably gave FRED the excuse that he would have difficulty in explaining to his parents where he got the money for such an expensive education.

Relative to the report to FRED that GOLD was unable to locate the three letters he received from MIT, GOLD said that he is sure he had the letters but he did not want to show them to FRED as the latter might find some reason for sending GOLD to MIT.

Relative to the letter to MIT dated 4/10/38, GOLD stated that he actually began working for Pennsylvania Sugar in January of 1929 and not September of 1928 as stated in the letter.

tam/rac
65-4307

cc: 65-4327

65-4307-690

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MEMORANDUM, SAC

Relative to the letter dated 4/10/38 to MIT, reference was made to NORRIS E. RUCKMAN as being acquainted with GOLD. GOLD stated that NORRIS RUCKMAN was a chemical engineer with an M.S. or possibly a Ph. D. degree and a graduate of MIT. At this time he was a young man about 24 or 25 and had been hired at Pennsylvania Sugar by Dr. GUSTAV REICH because RUCKMAN had worked on CO₂ recovery at MIT. GOLD said that RUCKMAN left Pa. Sugar and went into patent work since his father had a very responsible position as a patent attorney, possibly with the U. S. Government.

GOLD said that he had difficulty in getting his credits recognized at the University of Cincinnati and, therefore, in the summer of 1938, decided to continue to work for at least another year before entering college. It was Dr. REICH who suggested to GOLD that he try to enroll at Xavier University in Cincinnati, which GOLD was successful in entering.

GOLD said that it is possible he wrote the above material on MIT in the summer of 1938 while he was laid up as a result of being burned in the Pa. Sugar Laboratory.

GOLD said that FRED had been quite happy about GOLD's being unsuccessful in entering Cincinnati University as he preferred to see GOLD wait for another year before going to school. GOLD said that FRED was happy for two reasons: first, that he might induce GOLD to enter MIT and pay GOLD's way; and second, that GOLD would continue to work for the Soviets for another year and work principally on getting recruits in the Philadelphia Navy Yard.

GOLD said that when he finally told FRED he was going to Xavier University, FRED was very bitter about it.

Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC
FROM : SA RICHARD E. BRENNAN
SUBJECT: HARRY GOLD
ESPIONAGE - R

DATE: 7/13/50

Exhibit 65-4307-1-B-5(16)

This exhibit, which consists of a self-addressed return postcard from Dr. JAMES K. STEWART, Sherwin Williams Co., Chicago, Ill., was exhibited to GOLD on June 19, 1950.

GOLD stated that this is a firm with whom he has done business through his employers on various occasions.

GOLD said that the name J. H. BOWEN, JR. written in ink on this card is the name of the man who interviewed GOLD for a job at the Philadelphia Navy Yard in 1946.

REB:DWB
65-4307

65-4307-691

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Rly

Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC, Philadelphia
FROM : SA T. SCOTT MILLER, JR.
SUBJECT: HARRY GOLD, was.
ESPIONAGE - R

DATE: 7/10/50

EXHIBIT 65-4307-1B-12 (1) (Folder #2)

On 6/24/50 the above exhibit was shown to HARRY GOLD.

GOLD stated that all of these notes pertain to legitimate work for BROTHMAN and were notes in his own handwriting pertaining to BROTHMAN's work at the STANTON LABORATORIES on thioglycolic acid, urea formaldehyde glue, and a process for vaporizing gold, the latter work being done for EDDIE QUICK of the PEACOCK ROLL LEAF COMPANY.

GOLD stated that some of the notes in this folder are in the handwriting of BOB GERSON, an employee of BROTHMAN.

TSM:HKP
65-4307

CC 65-4318

65-4307-692

SEARCHED	INDEXED
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[Signature]	

Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC, ~~Philadelphia~~
 FROM : SA T. SCOTT MILLER, JR.
 SUBJECT: HARRY GOLD, was.
 ESPIONAGE - R

DATE: 7/10/50

EXHIBIT 65-4307-1B-13 (2) (Exhibit 13)

The above material was shown to GOLD on 6/21/50. This exhibit consists of a box of numerous papers, laboratory reports, laboratory notes and other miscellaneous data, which, for the sake of clarity, have been broken into groups and single pages, each marked with a red numeral by the writer. The groups of single pages will be listed chronologically, together with GOLD's comments about each.

- (1) GOLD advised that the papers in this group consist of notes on research and experiments in the handwriting of GOLD pertaining to a synthesis of vanillin. GOLD stated that the BROTHMAN laboratory was working on this synthesis for a man named PASCHAL, who was a friend of FOWLER HAMILTON, a prominent attorney in New York City. GOLD said that PASCHAL lived near Washington, D. C. The BROTHMAN firm never received remuneration for this work as it was done for the friendship between BROTHMAN and HAMILTON.
- (2) The three pages comprising this group, according to GOLD, are notes in his handwriting which pertain to work being done by the firm A. BROTHMAN AND ASSOCIATES. The work to which these papers refer is the glue catalyst process which BROTHMAN was working on, work for the PEACOCK ROLL LEAF COMPANY, work for PASCHAL, and work on a new vanishing cream. Relative to this latter, GOLD said that an individual by the name of JULIAN P. BRODIE asked the BROTHMAN firm to work out a men's vanishing cream which, in addition to having a medicinal effect, also left a man's face with a tanned appearance after he had used such cream for shaving. GOLD said the process never was completed. GOLD said that BRODIE was a partner in an advertising firm in New York City with his father.
- (3) GOLD advised that the two pages comprising this group are in his handwriting and concerned work the BROTHMAN firm was doing for the METTUR CHEMICAL COMPANY of India.
- (4) GOLD said that the two pages of this group consist of a list of chemicals and material to be purchased by the BROTHMAN firm. Most of this is not in GOLD's handwriting.
- (5) GOLD advised that the handwriting on these two pages of that of either ROLFE WOLLAN or BOB GERSON and are instructions for experiments from ABRAHAM BROTHMAN.

TSM:HKF
 65-4307

cc: 65-4318

65-4307-693

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7/10/50

- (6) The seventeen pages of this group are in the handwriting of GOLD and pertain to work on the vanillin process.
- (7) This letter, dated 9/13/46, to BROTHMAN from JULIAN P. BRODIE, pertains to the vanishing cream work.
- (8) These eight pages are in the handwriting of HARRY GOLD and refer to corrosion tests for stainless steel in connection with the work BROTHMAN was doing for the STANTON LABORATORIES, which manufactured thioglycolic acid.
- (9) This one typewritten page refers to work the BROTHMAN firm was doing for the CHINESE COMMISSION ON AERONAUTICAL AFFAIRS. GOLD stated that the phrase "and tempus fugit" was dictated by BROTHMAN to MIRIAM MOSKOWITZ jokingly, but it was typed and this was given to the Chinese, who later asked BROTHMAN what it meant.
- (10) These three pages are in the handwriting of GOLD and go with No. 8 above, which is concerned with corrosion tests on stainless steel.
- (11) The seven pages here are mostly in the handwriting of GOLD but some of it is in the handwriting of PHILIP LEVINE, an employee of BROTHMAN. GOLD stated that all of this material was in connection with the work on a new synthesis of methyl methacrylate.
- (12) GOLD stated that the material here is in the handwriting of PHILIP LEVINE and is work done by him for the BROTHMAN firm relative to an attempt to split dimethyl hexane diol by electrolysis.
- (13) GOLD advised that these two pages consist of work on the STANTON LABORATORIES job and none of the handwriting is GOLD's.
- (14) The handwriting on this page is that of PHILIP LEVINE, and it is concerned with No. 12 above.
- (15) GOLD stated that this is not in his handwriting and because of the limited figures, he cannot identify with what this work is connected.
- (16) GOLD advised that the material on these three pages is not in his handwriting and is concerned with work at BROTHMAN's which was an attempt to split the lactide of hydroxyisobutyric acid, which GOLD stated was part of a new synthesis of methyl methacrylate.

MEMO, SAC

7/10/50

- (17) GOLD stated that these two pages contain his handwriting and the work was concerned with the preparation of dimethyl hexine, on which the BROTHMAN firm was working.
- (18) GOLD advised that this page is in the handwriting of PHILIP LEVINE and is a list of materials to be ordered for the BROTHMAN firm (probably from ARTHUR H. THOMAS).
- (19) GOLD said that this one page was in his handwriting and was a continuation sheet of material he was writing up for the benefit of the Civil Service Commission when he was considering leaving BROTHMAN and obtaining other work.
- (20) This one page, according to GOLD, is possibly in the handwriting of BILL ROHOLL, an employee of BROTHMAN, and the work is a test for urea.
- (21) GOLD stated that the two pages of handwriting are possibly in the handwriting of BILL ROHOLL and are concerned with a test for urea. The typewritten sheets are a translation of the written sheets.
- (22) These nine pages, according to GOLD, contain the handwriting of both GOLD and ABRAHAM BROTHMAN. On Page 3 appear the names HERCULES followed by SCHENKIVILER, and DUPONT followed by ORENSKY. GOLD said that these were people at the HERCULES POWDER COMPANY and the DUPONT COMPANY, to whom BROTHMAN wrote for samples of urea formaldehyde molding powder. The remainder of the material, according to GOLD, was work on the production of a high test bleach without the use of caustic soda.
- (23) GOLD advised that the handwriting on these two pages is that of either PHILIP LEVINE or BILL ROHOLL, and this is a list of material to be ordered by the BROTHMAN firm.
- (24) GOLD advised that this was in the handwriting of PHILIP LEVINE and is concerned with the methyl methacrylate synthesis.
- (25) GOLD said that this is BROTHMAN's handwriting and these are notes pertaining to a process for polymerizing of methyl methacrylate.
- (26) This page is also in BROTHMAN's handwriting and is concerned with No. 22 above.
- (27) GOLD advised that he thinks this is in the handwriting of OSCAR J. VAGO, one of the partners in the BROTHMAN firm. The material at the top of the

7/10/50

page, according to GOLD, was work which was not done but which was supposed to have been done in connection with the work on the STANTON LABORATORIES by BROTHMAN. The material on the lower part of the page is VAGO's complaints relative to not being consulted about certain matters by BROTHMAN.

GOLD stated that the GOTTLIEB referred to is an attorney in New York in the same firm as FOWLER HAMILTON, and was the attorney for the Mr. NORMAN who was considering purchasing the BROTHMAN firm.

- (28) GOLD advised that this page is in his handwriting and is a rough draft of a letter which GOLD and PHILIP LEVINE were considering writing BROTHMAN while the latter was in Switzerland in 1948. The WOLFSON referred to was a client of the Dr. POM of England, who was a promoter. Dr. POM has previously been identified by GOLD. GOLD said that this letter came about as a result of a telephone call which BROTHMAN made to his firm from Switzerland.
- (29) GOLD identified this as being in his handwriting and as the beginning of a rough draft of a letter similar to No. 28 above. GOLD said that the telephone number GE 8-4823 was the home telephone number of Mr. STANTON, the owner of the laboratory referred to above.
- (30) GOLD stated that part of this is in his handwriting and was made during a telephone conversation he and the other employees were having with BROTHMAN while the latter was in Switzerland in 1948. GOLD stated that the phrase "Come back and finish STANTON deal so we can eat," was in his handwriting and was to remind him to tell BROTHMAN that there was no money. GOLD said that the phrase "No more than ten days" was something someone wrote while the conversation was being carried on with BROTHMAN and meant that BROTHMAN, who was suggesting that he stay in Switzerland longer, should stay no more than ten days. The other phrase on this piece of paper refers to the seriousness of the STANTON job contract. GOLD elaborated by stating that BROTHMAN, in designing the STANTON plant, had done so many things wrong that in the end STANTON lost a considerable amount of money and was in serious financial condition when he got through with BROTHMAN.
- (31) GOLD stated that this is in his handwriting and he thinks it was in connection with the departure of BROTHMAN for Switzerland in 1948. GOLD said that the reference to La Guardia Field brings this to his mind. On the reverse side of this page are notes in GOLD's handwriting relative to charges to be made against BROTHMAN.

MEMO, SAC

7/10/50

- (32) GOLD stated that these eight pages are in his handwriting and consist of charges to be brought against BROTHMAN by the members and employees of the firm, upon his return from Switzerland in 1948.
- (33) These small slips of paper are mostly in the handwriting of HARRY GOLD and consist of an outline of work to be done at the BROTHMAN laboratory and the notes made by GOLD at a meeting of the American Chemical Society in November 1947 in Philadelphia. GOLD stated that he attended this conference for the BROTHMAN firm and was accompanied by the two representatives of the METTUR CHEMICAL COMPANY of India, who were RAM/SWAMI and RAJARGOPOL. GOLD stated that the conference was concerned with the production of various chemicals from coal and that it was conducted by a representative of the Bureau of Mines.

GOLD stated that all of the material in his possession concerned with work being done by the BROTHMAN firm was in his possession for the following reason:

GOLD advised that when BROTHMAN returned from Switzerland, GOLD had taken numerous notes, laboratory reports, and the like, out of the laboratory with the intent of doing work on them and writing up coherent and complete reports on the completed experiments or the progress of work at that time on certain processes, since most of the material consisted of jumbled notes, laboratory reports, and the like. GOLD stated that at about that time the employees and/or partners had their "show-down" with BROTHMAN, and a few days later BROTHMAN communicated with GOLD and stated that he had locked the laboratory and had put a new lock on it so that GOLD or any of the others who were from that time on not connected with the BROTHMAN firm, could not get in the laboratory. GOLD stated that in view of this, he did not bother to attempt to return the material to BROTHMAN.

Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC

FROM : SA WILLIAM H. NAYLOR

SUBJECT: HARRY GOLD was.
ESPIONAGE - R

DATE: June 7, 1950

GOLD RESIDENCE SEARCH MATERIAL

EXHIBIT: 65-4307-2B-5 (67)

REFERENCE: Memo, June 5, 1950, Page 5

DESCRIPTION: A one page letter dated October 27, 1943 directed to "Dear Harry" from Marion. The heading at the top of the page reflects the address Market Street at Forty Sixth Street, North West Corner, Philadelphia. The contents of the letter are as follows:

"You make it difficult for me to tell you that I cannot see you again.

"Please don't think that I have failed to appreciate your thoughtfulness and pleasant ways. You were always an agreeable companion, and I feel sure that there is someone very special waiting at the end of your rainbow.

My happiness and success be your lot, always -

Sincerely "

POSSIBLE LEADS:

GOLD should be interviewed in an effort to ascertain the identity of MARION.

Gold does not want to talk about this woman - she turned down his offer of marriage - H

WHN/kob
65-4307

*Is this the all weather saw?
yes*

65-4307-694

*Jensen
T.S. Miller*

Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC, Philadelphia

FROM : SA T. SCOTT MILLER, JR.

SUBJECT: HARRY GOLD, was.
ESPIONAGE - R

DATE: 7/10/50

EXHIBIT 65-4307-1B-5 (67)

On 6/21/50, GOLD was shown this letter, at which time he stated that he would rather not comment on this letter because it was merely a personal affair and was from a girl he had gone with for some time and whom he wanted to marry but who turned him down.

It is pointed out that this woman has been interviewed by Agents of the Philadelphia Office, and GOLD was not pressed for further details concerning the identity of MARION.

It is believed that this is the same woman who again turned GOLD's proposal of marriage down while GOLD was on vacation in September of 1949. This was brought out when Agents were questioning GOLD about whether he was at White Sands, New Mexico, in September 1949, at a rocket launching. GOLD explained to the Agents that he had told employees of the Philadelphia General Hospital that he had gone on a vacation to Maine, but actually he had remained at home and went out nearly every day with MARION, who finally turned down his offer of marriage.

TSM:HMF
65-4307

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Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC, Philadelphia

FROM : SA T. SCOTT MILLER, JR.

SUBJECT: HARRY GOLD, was.
ESPIONAGE - R

DATE: 7/10/50

EXHIBIT 65-4307-1B-13 (1) (Exhibit 12A)

On 6/22/50, GOLD examined this material and stated that all of it was in his handwriting and consisted of material he was gathering when he was considering seeking new employment in about March 1947, when his mother was pressing him to leave BROTHMAN. Much of this material was in connection with obtaining a Civil Service grade, which he did. GOLD said that this material also contained rough drafts of letters he wrote after he left BROTHMAN, seeking employment by answering want ads in newspapers.

Relative to the application for federal employment forms, of which there were several which were partially filled out, GOLD stated that he filled out a number of them but was not pleased with the manner in which his experience had been explained, and this accounts for the forms he has which apparently had been filled out but never handed in.

TSM:HKF
65-4307

65-4307-696

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Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC, Philadelphia

FROM : SA T. SCOTT MILLER, JR.

SUBJECT: HARRY GOLD, was.
ESPIONAGE - R

DATE: 7/10/50

EXHIBIT 65-4307-1B-13 (13) (Exhibit 24)

On 6/22/50, GOLD stated that the name JAMES A. DEVLIN was that of an assistant in the laboratory at St. Joseph's College. GOLD stated that he was a day school student and was Father MALLOY's assistant and worked in the laboratory at night. GOLD stated that he met DEVLIN at the Franklin Institute and apparently DEVLIN had written his name and address on the back of a Franklin Institute call slip.

TSM:HKF
65-4307

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65-4307-697

Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC, Philadelphia

FROM : SA T. SCOTT MILLER, JR.

SUBJECT: HARRY GOLD, was.
ESPIONAGE - R

DATE: 7/10/50

EXHIBIT 65-4307-1B-13 (12) (Exhibit 23)

On 6/22/50, GOLD advised that these cards are laboratory notes of BILL ROHOREL, an employee of ABRAHAM BROTHMAN, in connection with work on the methyl methacrylate molding powder process on which BROTHMAN was working.

TSN:HMF
65-4307

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65-4307-678

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Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC, Philadelphia

FROM : SA T. SCOTT MILLER, JR.

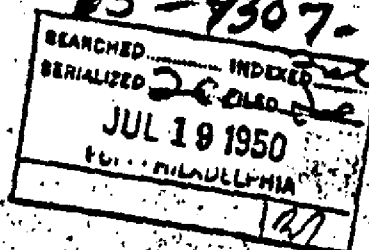
SUBJECT: HARRY GOLD, was.
ESPIONAGE - R

DATE: 7/10/50

EXHIBIT 65-4307-1B-13 (3) (Exhibit 14)

On 6/22/50, GOLD advised that this was a letter from his friend, MORRELL E. DOUGHERTY, in which DOUGHERTY must have sent GOLD about \$5.00, as this was the time that GOLD was without funds (June 1948).

TSM:HKF
65-4307



Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC, Philadelphia

FROM : SA T. SCOTT MILLER, JR.

SUBJECT: HARRY GOLD, was.
ESPIONAGE - R

DATE: 7/10/50

EXHIBIT 65-4307-1B-12 (3)

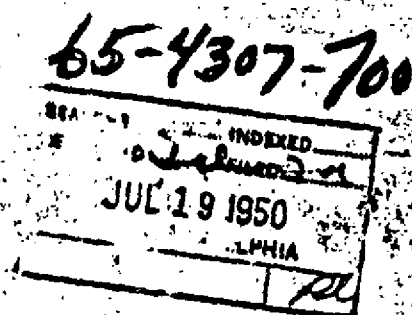
LOOSE PAGES OF MISCELLANEOUS PAPERS FOUND ON
BOTTOM SHLF OF WOODEN CABINET IN BASEMENT OF GOLD'S HOME

On 6/22/50, GOLD went through these papers and stated that all of them concern work being carried on by A. BROTHMAN AND ASSOCIATES. He said that these papers consist of miscellaneous laboratory reports, work papers, correspondence, and are in the handwriting of GOLD, BOB GERSON, and PHILIP LEVINE.

GOLD stated that these papers were another group of the numerous papers he took home just before he left the employ of BROTHMAN. At about the time BROTHMAN was having his showdown with the other members of the firm, GOLD told BROTHMAN that he wanted about two weeks to go over all of this material and assemble and annotate it. Subsequently, BROTHMAN told GOLD that the laboratory was locked to GOLD, so GOLD just kept the material.

TSM:HMF
65-4307

cc: 65-4318



Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC, Philadelphia

FROM : SA T. SCOTT MILLER, JR.

SUBJECT: HARRY GOLD, was.
ESPIONAGE - R

DATE: 7/10/50

EXHIBIT 65-4307-1B-13 (4) (Exhibit 15)

On 6/22/50, GOLD examined this notebook and stated that it could be in the handwriting of SHOLEM "SY" SILVERSTEIN. GOLD stated, however, that there are certain pencil notations in this notebook which are in the handwriting of GOLD himself and pertain to work while the latter was employed at A. BROTHMAN AND ASSOCIATES.

The loose papers in the notebook are in the handwriting of GOLD and HILL ROHOIL and are concerned with an experiment in trying to make methyl methacrylate molding powder.

TSM:HKF
65-4307

cc = 65-4318

65-4307-701

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Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC, Philadelphia

FROM : SA T. SCOTT MILLER, JR.

SUBJECT: HARRY GOLD, was.
ESPIONAGE - R

DATE: 7/10/50

EXHIBIT 65-4307-1B-13 (8) (Exhibit 19)

On 6/22/50, GOLD examined the above material and stated that it was concerned with the patent applied for by BROTHMAN in connection with the thioglycolic acid process used in the STANTON LABORATORY.

GOLD stated that the copy was given to him for him to check.

TSM:HKP
65-4307

cc: 65-4318

65-4307-702

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Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC

FROM : SA WILLIAM E. HUGHES

SUBJECT: HARRY GOLD was.
ESPIONAGE - R

DATE: June 8, 1950

ANALYSIS OF GOLD RESIDENCE SEARCH MATERIAL

EXHIBIT: 65-4307-1-B-5 (29-1)

REFERENCE: Search memo SA (A) ELWOOD A. PETT
June 5, 1950, Page 14

DESCRIPTION: The June, 1947 issue of the magazine "Political Affairs" in its wrapper which is addressed to
NR OSCAR VAGO, 66-07 99th Street, Forest Hills, Long Island, New York, showing the expiration date January, 1948.

POSSIBLE LEADS: New York should identify OSCAR VAGO and set out any CP or Russian connections.

Philadelphia should establish connection between HARRY GOLD and OSCAR VAGO.

done

Ask Gold why he collected specimens of Communist literature.

WEH/kob
65-4307

cc: 65-4318

This would tend to support the story that Vago brought the D.W. to the plant. rather than

65-4307-703

FBI - PHILADELPHIA
JUN 15 1950Jensen RY
JUN 14 1950

Office Memorandum • UNITED STATES GOVERNMENT

TO : SAG

FROM : SA WILLIAM E. HUGHES

SUBJECT: HARRY GOLD was.
ESPIONAGE - R

DATE: June 8, 1950

ANALYSIS OF GOLD RESIDENCE SEARCH MATERIAL

EXHIBIT: 65-4307-1-B-5 (29-3)

REFERENCE: Search memo SA (A) ELWOOD A. PETT
June 5, 1950, Page 11

DESCRIPTION: One full set of alphabetical dividers and a group of 3 x 5 index cards bearing women's names and, in addition, a group of symbols composed of numbers and letters in two columns on each card, one column headed "Won" and the other column headed "Lost." The names on these cards are as follows:

INDEX
ALL
NAMES

CATHERINE BAJZEWSKI
MARY "BLACKIE" CASALDI (2 cards)
One card headed Champions containing following names
BETTY "HEALTHY" HARKINS Tourn 1
LUELLA "SWIFTY" PRITCHARD Tourn 4
DOROTHY "BOOMPH" SCHWELLER Tourn 6
CATHERINE BAJZEWSKI Tourn 1
MARY "BLACKIE" CASALDI Tourn 10
ANNA "LIMBER" KATZSTEIN Tourn 13
JANE "SKINNY" DEIBLE (2 cards)
ARLENE GOODMAN
BETTY "HEALTHY" HARKINS (2 cards)
ANNA "LIMBER" KATZSTEIN (2 cards)
NINA MALLOY
LUELLA "SWIFTY" PRITCHARD (2 cards)
VIOLA "TALL STUFF" QUENTIN (2 cards)
MARY LOUISE MADECKE (2 cards)
GERTRUDE "KEEN" RILEY
HELENA RUSSELL (2 cards)
DOROTHY "BOOMPH" SCHWELLER (2 cards)
ROSE TWELLIT (2 cards)
MARGARET "SOCKER" WEINKE

all as one card

changed
6-14-50
AKN

as I recall I have
you already have
the story on there.

WEH/kob
65-4307

65-4307-204

FBI - PHILADELPHIA
JUN 14 1950

Jerman
F.S. Miller

TO: SAC

June 8, 1950

DESCRIPTION:

Also two blank cards. The symbols on these cards read such as:

U. T. S. Q. K. O. 10
M. L. R. K. O. 2

It appears that these letters are the full initials of the names of these various women followed by K. O. and a number in almost every instance.

POSSIBLE LEADS:

Question GOLD regarding connection with each of these women and determine if there is any significance to this investigation of this exhibit.

Office Memorandum • UNITED STATES GOVERNMENT

TO : ~~SAO~~
FROM : SA WILLIAM H. NAYLOR
SUBJECT: HARRY GOLD, was.
ESPIONAGE - R

DATE: 6/7/50

RE: GOLD RESIDENCE SEARCH MATERIAL

Exhibit No. 65-4307-1-B-5 (29-9)

Reference memo 6/5/50, Page 14.

Description:

A blank letterhead from TERRY & SIEBERT ANALYTICAL CHEMISTS, 125 Walnut Street, Philadelphia, Pa.

Leads:

May be desirable to ascertain if GOLD had any contacts at above firm.

WHN:ams
65-4307

65-4307-705

PHILADELPHIA
Jensen
T.S. Miller

Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC ~~_____~~

FROM : SA WILLIAM E. HUGHES

SUBJECT: HARRY GOLD was.
ESPIONAGE - R

DATE: June 8, 1950

ANALYSIS OF GOLD RESIDENCE SEARCH MATERIAL

EXHIBIT: 65-4307-1-B-5 (29-14)

REFERENCE: Search Memo SA (A) ELWOOD A. PETT
June 5, 1950, Page 15

DESCRIPTION: A bank statement of the account of HARRY GOLD with the Provident Savings Bank and Trust Company, Cincinnati, Ohio, dated March 10, 1939 containing a service charge statement for January, 1939 charging the account with 21 cents and for February, 1939 charging the account with \$1.00. There were also included the following listed cancelled checks, all of which were written by HARRY GOLD:

Check #12, dated January 17, 1939, payable to Mrs. CELIA GOLD in the amount of \$35.00, endorsed by CELIA GOLD and C. HARRY JOHNSON.

Check #14, dated January 24, 1939, payable to Cash in the amount of \$20.00.

Check #15, dated January 28, 1939, payable to Cash in the amount of \$30.00.

Check #16, dated January 28, 1939, payable to Mrs. CELIA GOLD in the amount of \$3.00, endorsed by CELIA GOLD.

Check #17, dated January 30, 1939, payable to Xavier University in the amount of \$42.50, endorsed by Xavier University, ALOYSIOUS A. BREEN, Treasurer.

65-4307-1-B-5

PHILADELPHIA
JUN 12 1950

Sent

Jensen
T. S. Miller

TO: SAC

June 8, 1950

DESCRIPTION:

Check #18, dated January 30, 1939, payable to Xavier University Book Store in the amount of \$2.50, endorsed by Xavier University, ALOYSIOUS A. BREEN, Treasurer.

Check #19, dated February 1, 1939, payable to Xavier University Book Store in the amount of \$8.25, endorsed Xavier University, ALOYSIOUS A. BREEN, Treasurer.

Check #20, dated February 3, 1939, payable to Xavier University Book Store in the amount of \$2.00, endorsed Xavier University, ALOYSIOUS A. BREEN, Treasurer.

Check #21, dated February 4, 1939, payable to Cash in the amount of \$38.00.

Check #22, dated February 8, 1939, payable to MORRELL E. DOUGHERTY, in the amount of \$25.00, endorsed MORRELL E. DOUGHERTY.

Check #23, dated February 11, 1939, payable to Cash in the amount of \$15.00.

Check #24, dated February 18, 1939, payable to Cash in the amount of \$40.00.

Check #25, dated February 20, 1939, payable to Mrs. CELIA GOLD in the amount of \$10.00, endorsed by CELIA GOLD and C. HARRY JOHNSON.

Check #26, dated February 23, 1939, payable to HARRY KRAIKER, JR., in the amount of \$10.00, endorsed HARRY KRAIKER, JR.

Check #27, dated March 1, 1939, payable to Cash in the amount of \$20.00.

Each of the above checks payable to Cash bore the rubber-stamped notation "Cashed FOX." These checks and the bank statement were in a plain envelope bearing the printed return address of the Provident Savings Bank and Trust Company, Cincinnati, Ohio.

TO: SAC

June 8, 1950

POSSIBLE LEADS:

Lead has previously been set out to get full information regarding the bank account of GOLD at Provident Savings Bank and Trust Company, Cincinnati, Ohio, as result of a previous bank statement. GOLD should be questioned regarding the checks payable to persons other than his mother or Xavier University in order to ascertain whether there is any connection with instant investigation.

Office Memorandum • UNITED STATES GOVERNMENT

TO : SA ~~WILLIAM D. HUGHES~~

FROM : SA WILLIAM D. HUGHES

SUBJECT: HARRY GOLD was.
ESPIONAGE - R

DATE: June 8, 1950

ANALYSIS OF GOLD RESIDENCE SEARCH MATERIAL

EXHIBIT: 65-4307-1-B-5 (29-13)

REFERENCE: Search memo SA (A) ELWOOD A. PETT
June 5, 1950, Page 15

DESCRIPTION:

A bank statement sent to HARRY GOLD regarding his checking account with the Provident Savings Bank and Trust Company, Cincinnati, Ohio, January 17, 1939. Enclosed with this statement was a charge of 15 cents for November, 1938 and a \$1.00 charge for December, 1938. There were also enclosed the following cancelled checks, all of which were written by HARRY GOLD:

Check #5 dated November 5, 1938, made out to Mrs. CELIA GOLD in the amount of \$35.00, endorsed by CELIA GOLD.

Check #7, dated November 18, 1938, payable to Cash in the amount of \$20.00.

Check #8, dated November 26, 1938, payable to Mrs. CELIA GOLD in the amount of \$35.00, endorsed CELIA GOLD.

Check #9, dated December 21, 1938, payable to Cash in the amount of \$40.00.

Check #10, dated January 7, 1939, payable to Mrs. CELIA GOLD for \$3.00, endorsed CELIA GOLD.

Check #11, dated January 14, 1939, payable to Cash in the amount of \$60.00.

Check #13, dated January 17, 1939, payable to Cash in the amount of \$20.00.

WEH/kob
65-4307

*Lead sent
Answered
J. W. P.*

65-4307-706

Lenora

TO SAC

June 8, 1950

DESCRIPTION:

Each of the checks made payable to Cash were stamped with a rubber stamp reading "Cashed FOX" on the face. Also, there was a blank envelope bearing the franked return address of the Provident Savings Bank and Trust Company, Cincinnati, Ohio.

POSSIBLE LEADS:

Cincinnati should identify and give full details of the check account maintained by HARRY GOLD, it being noted that the account was probably opened on or about November, 1938 inasmuch as Check #5 was redeemed November 12, 1938 at this bank.

Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC

FROM : SA WILLIAM H. NAYLOR

SUBJECT: HARRY GOLD, was.
ESPIONAGE - R

DATE: 6/8/50

RE: GOLD RESIDENCE SEARCH MATERIAL

Exhibit No. 65-4307-1-B-5 (29-16)

Reference memorandum, 6/6/50, Page 15.

Description:

Envelope from Federation of Architects, Engineers, Chemists, and Technicians, CIO, 1827 Arch Street, Philadelphia, to HARRY GOLD, 2540 South Philip Street, Philadelphia, address added in pencil 5032 North Boudinot Street. Envelope postmarked at Philadelphia 11/11/38.

Inside the envelope was a note to a MR. SCAFIDI from A. N. GELSEN (PH). The note reads as follows:

"I succeeded in getting my papers. MR. MALLOY was not in. They sent me to the first floor and was interviewed by #1 booth after waiting until after lunch. No questions were asked. He looked at the slips and sent me out. My next move is the relief station tomorrow. I will not see you again until the last of the week.

"My identification number is 4486-30253. Pink slip dated 8/23/38. Transfer slip dated 9/2/38."

On the back of the paper there was writing as follows:

Federation of Architects and Engineers. (Mr. SCAFIDI) 2:45 o'clock. Paulow

Ful 9921.

Possible Leads:

GOLD should be interviewed as to the meaning of this note and the persons mentioned herein should be identified.

GOLD should also be interviewed in an effort to determine the subscriber of telephone Fulton 9921.

WHN:ams
65-4307

*This may be of some value, since
AAECT was reported to be used by Sov.
& C.P. re esp. activity in prior yrs.*

*Augustine Scafidi - 100-24106 [photo ident, -
copy the memo
file review]
Helen Henry Scafidi - 100-23135*

65-4307-707

*Jensen
H.S. Miller*

Office Memorandum • UNITED STATES GOVERNMENT

TO :

DATE: 6/7/50

FROM :

SA WILLIAM H. NAYLOR

SUBJECT :

HARRY GOLD, was.
ESPIONAGE - RRE: GOLD RESIDENCE SEARCH MATERIAL

Exhibit No. 65-4307-1-B-5 (29-21)

Reference memo 6/5/50, Page 16.

Description:Pullman Company Passenger Check #8522, covering Seat 24 in Car 51. Receipt stamped at North Philadelphia July 19, 1940. *to NYC*Possible Leads:

Will ascertain from GOLD the nature of trip to New York 7/19/40.

WHN:ams

65-4307

*this may indicate that he was
paid, using pullman for short
trip.*65-4307-208
FBI - PHILADELPHIA
Jensen
T.S. Miller

Office Memorandum • UNITED STATES GOVERNMENT

TO :

~~SECRET~~

DATE: 6/8/50

FROM :

SA WILLIAM H. NAYLOR

SUBJECT:

HARRY GOLD, was.
ESPIONAGE - RRE: GOLD RESIDENCE SEARCH MATERIAL

Exhibit No. 65-4307-1-B-5 (29-19)

Reference memorandum, 6/6/50, Page 15.

Description:

A reprint from the Chemical and Metallurgical Engineering Magazine, May, 1945, of an article "Continuous Mixing and Reaction Equipment Design", by A. BROTHMAN, G. N. WOLLAN, and S. M. FELDMAN.

Possible Lead:

The last page of this article bears an ink notation in the margin which appears to be a telephone number. The first letter of the prefix is unreadable; however, the second letter appears to be an "A", while the number is 9-6093. GOLD should be interviewed as to the correct number, if known, the subscriber or the city wherein the exchange is located.

WHN:ams

65-4307

65-4307-29
BI - PHILADELPHIAJensen
T. S. Miller

Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC, Philadelphia

FROM : SA T. SCOTT MILLER, JR.

SUBJECT: HARRY GOLD, was.
ESPIONAGE - R

DATE: 7/10/50

EXHIBIT 65-4307-1B-5 (29-19)

GOLD advised that this reprint from "Chemical and Metallurgical Engineering" of May 1945 was an article on "Continuous Mixing and Reaction Equipment Design" by A. BROTHMAN, G. N. WOLIAN, and S. M. FELDMAN. GOLD said that this was probably given to him by BROTHMAN prior to the time GOLD went to work for BROTHMAN in 1946. GOLD said that this was not part of the material given to him by BROTHMAN on mixing for subsequent submission to the Soviets.

GOLD said that G. N. WOLIAN was GUS WOLIAN, a partner of BROTHMAN, and that the S. M. FELDMAN was a draftsman who was employed during the day by the MERCK CHEMICAL COMPANY and did work for BROTHMAN at night.

The above material was shown to GOLD on 6/21/50 and was contained in an envelope in GOLD's residence which was marked in his handwriting "A.B.'s Stuff."

EXHIBIT 65-4307-1B-5 (29-9)

This letterhead of TERRY AND SIEBERT was shown to GOLD on 6/21/50, at which time he said that it was a letterhead which had been drawn up by GOLD and MORRELL E. DOUGHERTY when they were contemplating using the laboratory of TERRY AND SIEBERT in conducting a vitamin assay business. GOLD has previously explained this proposed work by DOUGHERTY and himself. They were going to use the name of an established analytical chemist's laboratory, that of TERRY AND SIEBERT, in attempting to obtain business in analyzing foods, etc., for their vitamin content.

GOLD said that he and DOUGHERTY wrote letters to a number of firms, using the above letterhead, but they either did not get any reply or the few replies they did get indicated the firms were not interested. GOLD said that in about December of 1940, he and DOUGHERTY started to do work on the vitamin assay at PENNSYLVANIA SUGAR, and in late 1942 or early 1943 they started writing letters. GOLD recalled that he wrote letters to RICHARDSON MINTS of Northeast Philadelphia, and to CAMPBELL SOUPS, trying to interest them in vitamin assay work, but there were no replies.

The rough sketch drawings on the reverse side of this piece of stationery, according to GOLD, were those of TOM BLACK, who had an idea of eliminating one step in the vitamin assay process.

TSM:HKY
65-4307

CC: 65-4352

CC: 65-4313

SEARCHED.....	INDEXED.....
SERIALIZED.....	FILED.....
JUL 19 1950	
FBI - PHILADELPHIA	

65-4307-710

7/10/50

MEMO SAC

EXHIBIT 65-4307-1B-5 (29-16)

On the same date GOLD was shown this exhibit, at which time he said that he has no idea what the letter in the envelope is about. With reference to the envelope, GOLD stated that in about 1936 or 1937, JOE BRODSKY, alias JACK BRUIN, persuaded GOLD to join the Federation of Architects, Engineers, Chemists and Technicians - CIO. GOLD said that he went one time to join and never did subsequently attend a meeting. GOLD stated that he was attending Xavier University at the time this letter was postmarked, and the content of the letter means absolutely nothing to him.

EXHIBIT 65-4307-1B-5 (29-21)

On the same date GOLD stated that he does not know where he obtained the referenced Pullman stub for travel from Philadelphia to New York. He said there were three possibilities: (1) That it was Dr. REICH's at the PENNSYLVANIA SUGAR COMPANY and it became mixed up with some material GOLD brought home to work on; (2) That it had been used by GOLD's Soviet contact, SAM, and that SAM had inadvertently given it to him; (3) That GOLD had rushed to the station to go to New York in order to meet SAM and barely caught the train and upon finding himself in the Pullman car, decided to stay there. GOLD said the last was the best possibility.

This would mean, of course, that GOLD met SAM prior to 7/19/40, which is the date stamped on the back of the Pullman stub.

EXHIBIT 65-4307-1B-5 (29-13,14)

On the same date GOLD went over these bank statements and cancelled vouchers in connection with GOLD's account at the Provident Savings Bank and Trust Company of Cincinnati, Ohio. GOLD stated that this was his account while he was attending Xavier University. GOLD said that the check dated 2/23/39 to the order of HARRY KRAIKER, JR. was a payment on dues as a member of the alumni of Drexel Institute of Technology. KRAIKER was treasurer of the Alumni Association.

GOLD said that the check to MORRELL E. DOUGHERTY dated 2/8/39 was a personal loan to DOUGHERTY in the amount of \$25.00.

GOLD stated that he could not recall the identity of the deposits shown on the two statements.

MEMO. SAC

7/10/50

EXHIBIT 65-4307-1B-5 (29-1)

On 6/21/50, GOLD advised that after the FBI Agents had appeared at BROTHMAN's office for the purpose of questioning BROTHMAN and later GOLD, BROTHMAN asked GOLD to clean out all subversive type literature from both the office and the laboratory. GOLD stated that this probably is why he picked up this copy of "Political Affairs," which had been addressed to OSCAR VAGO.

EXHIBIT 65-4307-1B-5 (29-3)

On 6/21/50, GOLD was shown these cards, which are in alphabetical dividers and contain the names of various women, usually with a nickname for a middle name, such as "DOROTHY 'OOMPH' SCHWELLER." Each card has two columns headed "Won" and "Lost." Under these headings are various letters and numbers. GOLD appeared very embarrassed when these were shown to him and merely told the Agents that this material was pure fantasy, and he was not pressed for further explanation.

Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC, Philadelphia

FROM : SA T. SCOTT MILLER, JR.

SUBJECT: HARRY GOLD, was.
ESPIONAGE - R

DATE: 7/10/50

EXHIBIT 65-4307-1B-13 (10) (Exhibit 21)

On 6/22/50, GOLD was shown the above material, at which time he stated that the letter on the stationery of the ACHESON COLICIDS CORPORATION was from his friend, MORRELL E. DOUGHERTY.

PRESTO SALES, the name which appears on the envelope, made acetylene, and the BROTHMAN firm purchased same from PRESTO.

The remainder of the material is concerned with work at the BROTHMAN firm.

TSM:HKF
65-4307

65-4307-711

SEARCHED	INDEXED
SERIALIZED	FILED
JUL 19 1950	
PHILADELPHIA	

RLy

Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC, Philadelphia

FROM : SA T. SCOTT MILLER

SUBJECT: HARRY GOLD, was.
ESPIONAGE - R

DATE: 7/10/50

EXHIBIT 65-4307-LB-13 (9) (Exhibit 20)

On 6/22/50, GOLD examined this material, at which time he stated that the notes dated in November of 1946 were in his handwriting and were concerned with literature work in the library by GOLD on the oxidation of dimethyl hexane diol, which process the BROTHMAN firm was working on.

GOLD stated that the material in the tablet is in his handwriting and is concerned with the diol process above.

The notes dated 11/20/47 are in GOLD's handwriting and are literature searches on a formula for the decomposition of acetate and relate to a projected process for the production of methyl alcohol. This was done for the BROTHMAN firm by a man in Brooklyn.

The single sheet of paper dated 11/2/47 was work in connection with the process for making a high test bleach for the METTUR CHEMICAL COMPANY of India.

The letter dated 12/3/47 was merely in connection with business of the BROTHMAN firm.

GOLD was unable to identify the notes on the small piece of yellow paper but stated that the notes were in his handwriting.

TSM:HKP
65-4307

cc: 65-4307

65-4307-712

INDEXED
FILED

JUL 19 1950

PHILADELPHIA

Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC, Philadelphia
FROM : SA T. SCOTT MILLER, JR.
SUBJECT: HARRY GOLD, was.
ESPIONAGE - R

DATE: 7/10/50

EXHIBIT 65-4307-1B-13 (1) (Exhibit 12B)

On 6/22/50, GOLD was shown the above folder containing numerous handwritten notes, laboratory reports, and the like, at which time GOLD stated that after examining all of the material, it consisted merely of laboratory reports, notes, work papers and conference notes relative to various processes being worked on and experiments done in the BROTHMAN laboratory.

TSM:HKF
65-4307

CC: 65-4318

65-4307-713

SEARCHED	INDEXED
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JUL 19 1950	
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Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC [redacted]
 FROM : SA William H. Naylor
 SUBJECT: HARRY GOLD, was;
 ESPIONAGE - R

DATE: June 7, 1950

GOLD RESIDENCE SEARCH MATERIAL

Exhibit:

65-4307-1-B-5(16)

Reference:

Search Memo, June 5, 1950, Page 4.

Description:

A self-addressed, return postcard from Dr. JAMES K. STEWART, Sherwin Williams Company, 115th Street and Cottage Grove Avenue, Chicago 28, Ill., which card related to the National Chemical Exposition, date not shown. The card bore names written in ink as follows: J. H. BOWEN, JR., 430 Adison Avenue, Westmont, telephone Collingswood 2216R; and JOS. H. BOWEN, 655 Columbia Avenue, telephone Darby 2843.

Possible Leads:

Information should be obtained from GOLD regarding the identity of J. H. BOWEN and J. H. BOWEN, JR., mentioned above, as well as information regarding his association with these individuals.

It is noted that one of these individuals is probably identical with the J. H. BOWEN mentioned in Exhibit 65-4307-1-B-5(17).

WIN/jfm
 65-4307

*all explained
 as I recall.*

*6-14-50
 HAN*

65-4307-714

*Jensen
 J. S. Miller*

Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC, PHILADELPHIA
FROM : T. SCOTT MILLER, SA
SUBJECT: HARRY GOLD, was.,
ESP - R

DATE: July 7, 1950

65-4307-1B 5 (16)

On June 21, 1950 when GOLD was shown this card, he stated that someone must have sent him some literature on the Sharwin Williams Company.

The J. H. Bowen has previously been identified.

TSM:EMC
65-4307

65-4307-715

SEARCHED	INDEXED
SERIALIZED	FILED
JUL 19 1950	
FBI - PHILADELPHIA	

Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC, Philadelphia

FROM : SA T. SCOTT MILLER, JR.

SUBJECT: HARRY GOLD, was.
ESPIONAGE - R

DATE: 7/10/50

EXHIBIT 65-4307-1B-13 (1) (Exhibit 12C)

On 6/22/50, GOLD examined the above material, at which time he said that the material consisted of notes on experiments and work on processes conducted at the BROTHMAN laboratory. He said that he recognized his own handwriting, as well as that of SY SILVERSTEIN, ROLFE WOLLAN, and BILL ROHOLL. This material also contained copies of patents obtained by the BROTHMAN firm while they were working on the methyl methacrylate process. GOLD explained that they could get copies of patents from the New York Public Library much faster than they could from the U. S. Patent Office.

GOLD stated that in this material is a group of papers in his handwriting relative to work on a nylon process. GOLD said that this work had nothing to do with the material given SLACK by HOWARD GOCHENAUR of the DUPONT COMPANY. GOLD said that someone had once asked BROTHMAN about the possibility of working up an alternate synthesis for nylon. GOLD said that he looked into the matter, which is evidenced by these notes, and found that DUPONT had all the basic patents so that an alternate synthesis could not be produced. GOLD said that he thought the name of the man who had asked BROTHMAN about the alternate synthesis was LEBOW.

The material on GOLD's research on the nylon patents has been clipped together and marked "Nylon" in red by the writer.

EXHIBIT 65-4307-1B-13 (1) (Exhibit 12E)

On the same date GOLD examined the papers in the above folder and stated that they were all in connection with work being conducted by the BROTHMAN firm. He said most of the handwriting was his own, with the exception of some which was the handwriting of BILL ROHOLL. GOLD stated that all of these were laboratory work papers.

EXHIBIT 65-4307-1B-13 (1) (Exhibit 12F)

On the same date GOLD stated that the one page of handwriting in this folder is his own and is material he was gathering together for his application which he filed with Civil Service in March or April 1947.

TSM:HMF
65-4307

cc: 65-4333

cc: 65-4318

65-4307-716

SEARCHED	INDEXED
SERIALIZED	FILED
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FBI - PHILADELPHIA	

RM

MEMO. SAC

7/10/50

EXHIBIT 65-4307-1B-13 (1) (Exhibit 12G)

On the same date GOLD examined this material and stated that all forty pages were in his handwriting and represented work on patent specifications for the dimethyl hexane diol process on which the BROTHMAN firm was working.

Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC
FROM : SA ALBERT L. PIERCE
SUBJECT: HARRY GOLD, was.
ESPIONAGE - R

DATE: 6/7/50

RE: GOLD RESIDENCE SEARCH MATERIAL

Exhibit No. 65-4307-1-B-5 (47)

Reference search memorandum of SA ELWOOD A. PETT, dated 6/5/50, Page 6.

Description:

Envelope and personal letter addressed to MR. HARRY GOLD, 2631 South Philip Street, Philadelphia, from LEON COLTMAN, 4216 Far Rockaway Boulevard, Edgemere, Long Island, N.Y., postmarked Far Rockaway, New York, July 23, 1931. The letter in this envelope was dated July 23, 1931, and addressed GOLD as "Mon Ami HERSHEL". This letter contained a greeting in French and indicated that COLTMAN was spending his vacation at Edgemere, Long Island. It was signed "LABISH".

Lead:

Will exhibit this letter to HARRY GOLD for his explanation regarding his relations with COLTMAN and any possible connection of COLTMAN with this case.

Will also question GOLD regarding his possible use of the name HERSHEL.

ALP:ams
65-4307

65-4307-717
PHILADELPHIA
RJ

Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC

FROM : SA ALBERT L. PIERCE

SUBJECT: HARRY GOLD, was.
ESPIONAGE - R

DATE: 6/7/50

RE: GOLD RESIDENCE SEARCH MATERIAL

Exhibit No. 65-4307-1-B-5 (64)

Reference search memorandum of SA ELWOOD A. PETT, dated 6/5/50, Page 7.

Description:

A postal card from MERIO RABACCHI, c/o A. P. DeSENNO and JOU TRU, Phoenixville, Pa., postmarked Phoenixville, April 14, 1949, addressed to MR. HARRY GOLD at the Philadelphia General Hospital. The text of this card bore the date April 13, 1949, and indicated that RABACCHI had recently started a job in Phoenixville as a chemist. It indicated that RABACCHI had been in Philadelphia the preceding week, but that it was not possible to see GOLD at that time. He indicated he would visit GOLD as soon as possible.

Lead:

Will exhibit this postal card to GOLD for any information he may furnish regarding RABACCHI's possible connection in this case.

ALP:ams
65-4307

FBI - PHILADELPHIA
JUN 12 1950

concord
6-19-50
ALP
65-4307-718

John
S.S. Miller

Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC, PHILADELPHIA

FROM : T. SCOTT MILLER, SA

SUBJECT: HARRY GOLD, was.,
ESP - R

DATE: July 7, 1950

65-4307-1B 5 (47)

This letter which is dated July 23, 1931, was shown to GOLD on June 21, 1950.

GOLD said this was from LEON COLTMAN who was the son of the GOLD family's butcher in Philadelphia.

GOLD stated the letter was addressed to HERSHEL which was his name in Jewish.

65-4307-1B 5 (64)

This was shown to GOLD on the same date at which time he stated that Dr. MARIO RABACCHI was GOLD's technician at the Philadelphia General Hospital who had left the hospital for other employment.

TSM:EMC
65-4307

65-4307-719

SEARCHED	INDEXED
SERIALIZED	FILED
JUL 19 1950	
FBI - PHILADELPHIA	

RE

Office Memorandum • UNITED STATES GOVERNMENT

TO : ~~SAC~~
FROM : SA WILLIAM H. NAYLOR
SUBJECT: HARRY GOLD was.
ESPIONAGE - R

DATE: June 7, 1950

GOLD RESIDENCE SEARCH MATERIAL

EXHIBIT: 65-4307-1-B-5 (65)
REFERENCE: Memo, June 5, 1950, Page 7
DESCRIPTION: A business card from one A. F. BYRON, a representative of the INNES, SPEIDEN & CO., 401 N. Broad Street, Philadelphia. This company handles chemicals, waxes and gums.
POSSIBLE LEADS: GOLD should be questioned regarding the identity of BYRON and the nature of their association.

WHN/kob
65-4307

65-4307-720

James Miller
182

Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC

FROM : SA WILLIAM H. NAYLOR

SUBJECT: HARRY GOLD was.
ESPIONAGE - R

DATE: June 7, 1950

GOLD RESIDENCE SEARCH MATERIAL

EXHIBIT: 65-4307-1-B-5 (46)

REFERENCE: Memo, June 5, 1950, Page 6

DESCRIPTION: A purse calendar for 1942 containing a 5 x 8 slip of white paper with the names GILMAN K. BARTLETT and EIMER SMITH, together with the word "Yecman."

POSSIBLE LEADS: GOLD should be interviewed and information obtained concerning the identity of these individuals, as well as the nature of GOLD's association with them.

WHN/kob
65-4307

65-4307-721

James
G. S. Miller

Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC, PHILADELPHIA

FROM : T. SCOTT MILLER, SA

SUBJECT: HARRY GOLD
ESP - R

DATE: July 7, 1950

65-4307-1B 5 (46)

On June 21, 1950 GOLD advised that with reference to this exhibit the ELMER SMITH which name is written in GOLD's handwriting, formerly worked for Pennsylvania Sugar Company. He went in the Navy in the Submarine Service and on one of his trips back to Philadelphia, GOLD told SMITH that he could not get in the Army because of his hyper-tension. SMITH told GOLD to go to see GILMAN K. BARTLETT who was in the Navy Recruiting Service in Philadelphia and was a personal friend of SMITH.

SMITH told GOLD that possibly BARTLETT could help GOLD get in the Navy. GOLD said that he went there but that BARTLETT was no longer at the Recruiting Service.

Relative to the 1942 pocket calendar, GOLD stated that this was of no significance and was merely a small calendar he probably had carried around.

65-4307-1B 5 (47)

On the same date GOLD advised that the A. J. Byron was the card of a man connected with the company mentioned on the card and that in the Spring of 1949, GOLD obtained a sample of wax from him in connection with GOLD's work.

65-4307
TSM:EMC

65-4307-722

SEARCHED.....	INDEXED.....
SERIALIZED.....	FILED.....
JUL 19 1950	
FBI - PHILADELPHIA	

RLY

Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC
FROM : SA WILLIAM E. HUGHES
SUBJECT: HARRY GOLD, was.,
ESPIONAGE - R

DATE: June 7, 1950

ANALYSIS OF GOLD RESIDENCE SEARCH MATERIAL

Exhibit #65-4307-1-B-5 (23)

Re search memorandum of SA ELWOOD A. PETT, dated 6/5/50, page 2.

*Wrong
it is both
#49*

Description: This item is a cardboard covered book entitled "Microbe Hunters," which is of no significance except that it was published in 1949 and was purchased from the SIBLEY, LINDSAY & CARR COMPANY. The Philadelphia telephone directory does not have a listing for this company.

Lead: HARRY GOLD should be questioned as to where he purchased this book.

*Conceded
10-21*

WEH:as
65-4307

cc: 65-4333

65-4307-723

*1
J. S. Miller*

Office Memorandum • UNITED STATES GOVERNMENT

DATE: July 10, 1950

TO : SAC _____
FROM : T. SCOTT MILLER, SA
SUBJECT: HARRY GOLD, was.,
ESP - R

65-4307-1B 5 (23)

On June 21, 1950 GOLD advised that he purchased this book, "Microbe Hunters," in Rochester, New York on one of the occasions he was there to contact ALFRED DEAN SLACK.

The sticker on the inside cover of the book which is that of Sibley, Lindsay and Curr Company, was one of the things which GOLD said frightened him very much when the Agents asked him on May 22, 1950 where this store was located.

It will be recalled that he stated at first that the store was located in Cincinnati, Ohio and that the book had been purchased while GOLD was attending Xavier University.

The above company according to GOLD, is located in Rochester, New York.

TSM:EMC

65-4307

cc: 65-4332

65-4307-724

SEARCHED.....	INDEXED.....
SERIALIZED.....	FILED.....
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AS

Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC, PHILADELPHIA
FROM : T. SCOTT MILLER, SA
SUBJECT: HARRY GOLD, was.,
ESP - R

DATE: July 7, 1950

65-4307-1B 5 (58) (59)

On June 21, 1950 GOLD advised that this pamphlet was picked up by him at a chemical show at which time GOLD was working on Dr. REICH's process for CO 2 recovery.

TSM:EMC
65-4307

65-4307-725

SEARCHED	INDEXED
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24

Office Memorandum • UNITED STATES GOVERNMENT

TO : ~~SEC~~

FROM : SA WILLIAM E. HUGHES

SUBJECT: HARRY GOLD, was.,
ESPIONAGE - R

DATE: June 7, 1950

ANALYSIS OF GOLD RESIDENCE SEARCH MATERIAL

Exhibit #65-4307-1-B-5 (56).

Re search memorandum of SA ELWOOD A. PETT, dated 6-5-50, page 7.

Description: This item is a magazine printed in the Jewish language and perusal by Translator HARRY TOPLAN indicates the title is "Zukunft" (The Future), February 1916 issue, published by FORWARDS ASSOCIATION, Editor - A. LIESEN (ph). Mr. TOPLAN stated that the only item that might be significant to a security investigation would be the article on pages 173 to 178 entitled "The Second to the Third Internationale," (impressions of the conference in Zimmerwald), by VLADIMIR KOSOVSKY. Mr. TOPLAN stated that the question involved in this article was whether to split up the Second Internationale and to build a Third Internationale Association.

Lead: Question HARRY GOLD regarding significance.

WEH:as
65-4307

*The "Forward" is a
Social-Democratic
paper, today. In
1916, however, there
were no com bats,
as no C. P. in U. S.*

65-4307-726

Jensen
T.S. Miller

Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC, PHILADELPHIA
FROM : T. SCOTT MILLER, SA
SUBJECT: HARRY GOLD
ESP - R

DATE: July 7, 1950

65-4307-1B 5 (56)

On June 21, 1950 this exhibit was shown to GOLD and it is noted that this exhibit is a publication in the Jewish language which is concerned with the Second and Third Internationals. Relative to this GOLD advised that this magazine which was published in February, 1916 had belonged to GOLD's mother. In this connection GOLD stated that around 1905 his mother had been a revolutionary in Russia. He said that she had actively participated in an abortive revolution against the Czar while she was a young girl. Later she went to Switzerland where she met GOLD's father and married him. GOLD stated that his mother had long since lost interest in any revolutionary movement.

TSM:EMC
65-4307

65-4307-727

SEARCHED.....	INDEXED.....
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REY

Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC

FROM : SA ALBERT L. PIERCE

SUBJECT: HARRY GOLD, was.
ESPIONAGE - R

DATE: 6/7/50

RE: GOLD RESIDENCE SEARCH MATERIAL

Exhibit No. 65-4307-1-B-5 (25)

Reference search memorandum of SA ELWOOD A. PETT, dated 6/5/50, Page 3.

Description:

A card entitled, ANTON B. TOKARSKI, Restaurant, 41-23 29th Street, Long Island City 1, New York, with telephone numbers, STilwell 4-9623, and residence phone RAVenswood 6-2833.

Lead:

Will exhibit this card to GOLD to determine if it has any bearing on this case.

ALP:ams

65-4307

CC: 65-4318

65-4307-728

HI - PHILADELPHIA
JUN 14 1950

K. S. Miller

Jensen

Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC, PHILADELPHIA
FROM : T. SCOTT MILLER, SA
SUBJECT: HARRY GOLD, was.,
ESP - R

DATE: July 7, 1950

65-4307-1 B 5 (25)

On June 21, 1950 GOLD advised that this card of the Anton B. Tokarski Restaurant was the card of a restaurant located near the offices of A. Brothman and Associates in the Chatham - Phenix Building located in Long Island City, Queens, New York. GOLD stated that the employees of BROTHMAN frequently ate in this restaurant.

65-4307
TSM:EMC

cc: 65-4318

65-4307-729

SEARCHED	INDEXED
SERIALIZED	FILED
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FBI - PHILADELPHIA	

Ry

Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC

FROM : SA ALBERT L. PIERCE

SUBJECT: HARRY GOLD, was.
ESPIONAGE - R

DATE: 6/7/50

RE: GOLD RESIDENCE SEARCH MATERIAL

Exhibit No. 65-4307-1-B-5 (32)

Reference search memorandum of SA ELWOOD A. PETT, dated 6/5/50, Page 8.

Description:

A letter with no envelope dated Sunday, February 1, 1948, addressed "Dear HARRY" and signed "ED". This letter indicated the return therewith of a check drawn to the order of GOLD in the sum of \$45.00. It also stated that ED took over the \$500.00 to cover the costs of the returned checks. It indicated that a note was enclosed which had been duly cancelled, in addition to three checks. He suggested that GOLD scratch off his endorsement before returning them to BROTHMAN.

Lead:

Will exhibit this letter to HARRY GOLD in order to determine the identity of ED and to obtain a detailed account of the financial transactions between ED, GOLD, and BROTHMAN and will determine what connection this has with this case.

ALP:ams

65-4307

65-4307

65-4307-730
PHILADELPHIA
JUN - 8 1950Jensen
F.S. Miller

Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC, PHILADELPHIA

FROM : T. SCOTT MILLER, SA

SUBJECT: HARRY GOLD, was.
ESP - R

DATE: July 7, 1950

65-4307-1 B 5 (32)

On June 21, 1950 GOLD advised that this exhibit which is a letter to GOLD from "ED", was a letter written to GOLD by EDWARD KELLY, MORRELL DOUGHERTY's brother-in-law and from whom GOLD said he had borrowed money at the behest of BROTHMAN.

GOLD stated that this letter was written to him acknowledging a payment by GOLD to KELLY on his loan.

TSM:EAC
65-4307

cc: 65-4307

65-4307-731

SEARCHED	INDEXED
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Ry

Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC--

FROM : SA WILLIAM H. NAYLOR

SUBJECT: HARRY GOLD was.
ESPIONAGE - R

DATE: June 7, 1950

GOLD RESIDENCE SEARCH MATERIAL

EXHIBIT: 65-4307-1-B-5 (52)

REFERENCE: Memo, June 5, 1950, Page 6

DESCRIPTION: A four page piece of 5 x 7 letter paper containing numerous notes of a chemical nature, the meaning of which are not known.

POSSIBLE LEADS: It might be desired that GOLD be interviewed for the purpose of explaining the nature of these various notes.

WHN/kob
65-4307

65-4307-732

Jensen RG
J.S. Miller Jm

Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC, PHILADELPHIA

FROM : T. SCOTT MILLER, SA

SUBJECT: HARRY GOLD, was.
ESP - R

DATE: July 7, 1950

65-4307-1 B 5 (52)

This exhibit which consists of one page of handwritten notes, was exhibited to GOLD on June 21, 1950 at which time he stated that they were notes made at one of the expositions of chemical industries given at Grand Central Sales, New York City. GOLD said these expositions were started about 1935 and are either given every year or every other year. He stated that the Pennsylvania Sugar Company would pay their chemists to go to this exposition and to make notes on new processes or new materials which might be of value to the Pennsylvania Sugar Company.

TSM:EMC
65-4307

65-4307-733

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Ry

Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC

FROM : SA ALBERT L. PIERCE

SUBJECT: HARRY GOLD, was.
ESPIONAGE - R

DATE: 6/7/50

RE: GOLD RESIDENCE SEARCH MATERIAL

Exhibit No. 65-4307-1-B-5 (26)

Reference search memorandum of SA ELWOOD A. PETT, dated 6/5/50, Page 2.

Description:

Reading Railway System ticket envelope enclosing two Pullman Company ticket stubs, issued at the Philadelphia Reading Terminal, one from Philadelphia to Rochester, N.Y., #1823, indicating a reservation for lower berth #7 in car R26, train 110; the other from Rochester, N.Y., to Philadelphia, #7871, indicating a reservation in lower berth #5, car 64. This ticket was date-stamped on the back and appeared to be December 26, 1942; however, the second figure reflecting the day of the month had been erased and the figure 6 inserted. The outside of the envelope enclosing these tickets bore the pencilled notation, "Pvt. W. J. MURPHY, Det. 14-853rd Ord. Service Co. Avia, Rosell, N.M."

Also inside of this ticket envelope was a smaller envelope of the Forrest Theatre in Philadelphia, enclosing two unused tickets to the theatre for Saturday evening, January 30, 1943.

Leads:

Will exhibit these railway tickets to HARRY GOLD for his explanation regarding their use. Will also question him regarding the erasure of the date on the back of one of these tickets.

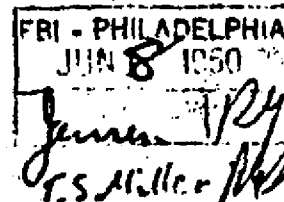
Will question GOLD regarding the notation on the ticket envelope regarding MURPHY and his address in Roswell, N.M.

Will exhibit the unused tickets to the Forrest Theatre to GOLD for his explanation regarding the reason why they were not used.

ALP:ams
65-4307

CC: 65-4333

65-4307-734



Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC, PHILADELPHIA

FROM : T. SCOTT MILLER, SA

SUBJECT: HARRY GOLD, was.,
ESP - R

DATE: July 7, 1950

65-4307-1B 5 (26)

On June 21, 1950 GOLD advised that the two Pullman stubs showing travel from Philadelphia to Rochester and return were his and had been used by him in going to Rochester in the latter part of 1942 when he was attempting to locate ALFRED DEAN SLACK who had moved from Rochester, New York.

Relative to the two unused tickets to the Forrest Theater for January 30, 1943, GOLD gave the following possible explanation:

GOLD stated that he frequently would purchase tickets with the idea of taking out REGINA LOOKABAUGH in whom GOLD was personally interested. GOLD said that many times LOOKABAUGH would turn him down and occasionally GOLD would give the tickets to MORRELL E. DOUGHERTY or else turn the tickets over to the USO. GOLD said these two tickets were possibly tickets he had purchased for the above purpose and had merely forgotten to turn them over to the USO and had not given them to DOUGHERTY because DOUGHERTY soon found out the purpose for which GOLD had obtained these tickets. GOLD stated that he did not want DOUGHERTY to know that he kept on buying tickets before he found out whether LOOKABAUGH would go with him and for this reason stopped giving DOUGHERTY the tickets.

GOLD stated these tickets were not tickets which had been sent to him by his Soviet superiors to set up an emergency meeting and which has previously been explained in connection with this case. GOLD said that such tickets would have been for a performance of some sort in NYC rather than in Philadelphia.

65-4307
TSM:EMC

cc: 65-4333

65-4307-735 22

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Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC

FROM : SA ALBERT L. PIERCE

SUBJECT: HARRY GOLD, was.
ESPIONAGE - R

DATE: 6/7/50

RE: GOLD RESIDENCE SEARCH MATERIAL

Exhibit No. 65-4307-1-B-5 (7)

Reference search memorandum of SA ELWOOD A. PETT, dated 6/5/50, Page 5.

Description:

One empty envelope postmarked October 4, 1949, 9:30 PM, at Boston, Mass., addressed to MR. HARRY GOLD, 6823 Kindred Street, Philadelphia 24, Pa.

Lead:

Will exhibit this envelope to HARRY GOLD to determine who wrote him at that time from Boston.

ALP:ams

65-4307

cc: 65-4308

*This is about time of
last Russian contact*

RECEIVED
JUN 10 1950

J. S. Miller

65-4307-73

Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC, PHILADELPHIA

FROM : T. SCOTT MILLER, SA

SUBJECT: HARRY GOLD, was.,
ESP - R

DATE: July 7, 1950

65-4307-1B 5 (7)

On June 21, 1950 GOLD advised that the handwriting on this envelope with the postmark Boston, Massachusetts, was either that of PHIL LEVINE or his wife, EDITH.

GOLD said that PHIL LEVINE was a former fellow employee of his when the two were working for ABE BROTHMAN and Associates.

TSM:EMC
65-4307
cc: 65-4318

65-4307-737

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Rel

Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC

FROM : SA WILLIAM E. HUGHES

SUBJECT: HARRY GOLD, was.,
ESPIONAGE - R

DATE: June 7, 1950

ANALYSIS OF GOLD RESIDENCE SEARCH MATERIAL

Exhibit #65-4307-1-B-5 (63).

Re search memorandum of SA ELWOOD A. PETT, dated 6-5-50, page 7.

Description: A small diary-type booklet entitled "The Little Red Book," issued in 1948 by the New York Telephone Company. This item has a handwritten telephone number on the inside front cover that appears to be CIR 3-0761 or GER 3-0761 or CU 3-0761. This booklet also has indented writing on the last page which appears to be 4716 "D"

ANGUS

(the last name cannot be made out.

Lead: This booklet should be taken to the prison by the Agents interviewing HARRY GOLD so that he can interpret the handwriting and identify the name in the indented writing.

WEH:as
65-4307

CC: 65-4332

6-19
(take booklet out)
65-4307-738

June 12, 1950
J. S. Miller

Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC, PHILADELPHIA

FROM : T. SCOTT MILLER, SA

SUBJECT: HARRY GOLD, was.,
ESP - R

DATE: July 7, 1950

65-4307-1B 5 (63)

This exhibit which consists of a Bell System calendar and pocket diary was shown to GOLD on June 21, 1950.

It is noted that there are no names written in the diary. However, it is noted that on the last page there had been erased the following notation:

"4716 D Street, Angus 19 ----"

GOLD stated that this was the address of CLARENCE MICHAEL HUNT whose automobile was occasionally borrowed by MORRELL E. DOUGHERTY in connection with the latter's present employment. When DOUGHERTY first went to work, his job necessitated his having an automobile and he would borrow HUNT's for this purpose.

On the first page appears the notation, "GA 3-0761". GOLD said this was the telephone number of the Spruce Chemical Co. which was the company of THOMAS L. BLACK.

TSM:EMC
65-4307

CC: 65-4332

65-4307-799

SEARCHED.....	INDEXED.....
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RB

Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC

FROM : SA ALBERT L. PIERCE

SUBJECT: HARRY GOLD, was.
ESPIONAGE - R

DATE: 6/7/50

RE: GOLD RESIDENCE SEARCH MATERIAL

Exhibit No. 65-4307-1-B-5 (22)

Reference search memorandum of SA ELWOOD A. PETT, dated 6/5/50, Page 2.

Description:

This is a sheet of paper typewritten in German, signed "CHR. B. HEILER". The contents of this sheet were translated from the German by MISS ZOE LYON on 6/6/50, and appears to be the last page of a letter discussing the price of oven ashes, apparently for use in the manufacture of potassium salts for export.

Lead:

Will exhibit this letter to HARRY GOLD for his explanation regarding its meaning and possible connection with this case.

ALP:ams
65-4307

65-4307-740

SEARCHED
SERIALIZED
INDEXED
FILED
JUN 10 1950
FBI - NEW YORK
K.S. Miller

Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC, PHILADELPHIA

FROM : T. SCOTT MILLER, SA

SUBJECT: HARRY GOLD, was.,
ESP - R

DATE: July 7, 1950

65-4307-1 B 5 (22)

This exhibit was shown to GOLD on June 21, 1950 at which time he stated that this was part of a letter which was written to Dr. GUSTAV REICH and was given to GOLD by REICH in connection with some work GOLD was doing on salt recovery from fermentation residue.

GOLD did not recall who HEILER was.

TSM:EMC
65-4307

65-4307-741

SEARCHED.....	INDEXED.....
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Rey

Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC

FROM : SA WILLIAM E. HUGHES

SUBJECT: HARRY GOLD, was.,
ESPIONAGE - R

DATE: June 7, 1950

ANALYSIS OF GOLD RESIDENCE SEARCH MATERIAL

Exhibit #65-4307-1-B-5 (30 & 31).

Re search memorandum of SA ELWOOD A. PETT, dated 6-5-50, page 8.

Description: Two small slips of paper located in a purse belonging to the late Mrs. CELIA GOLD, reading as follows:

"Mrs. SARAH PECKER, 2301 W. North Ave., Balto, Md.
LA 5214."

The second slip of paper reads:

"S. N. SNYDER, 1701 Moreland Ave., Balto, Md. 16
MAD 2230."

Lead: Leads should be set out for the Baltimore Office to identify these two individuals, particularly as to age so that it can be ascertained whether they are friends of HARRY GOLD's mother or contacts of GOLD himself.

WEH:as
65-4307

65-4307-742

Jensen
Miller

Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC, PHILADELPHIA

FROM : T. SCOTT MILLER, SA

SUBJECT: HARRY GOLD, was.,
ESP - R

DATE: July 7, 1950

65-4307-1B 5 (30) (31)

On June 21, 1950 GOLD stated when he saw these two exhibits consisting of the names, S. N. Snyder and Mrs. Sarah Pecker and their representative addresses, that these were two distant relatives of the GOLD family who had come to visit the GOLDS in Philadelphia and had left their addresses in Baltimore which GOLD had written down.

TSM:EMC
65-4307

65-4307-743

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RE

Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC

FROM : SA William H. Naylor

SUBJECT: HARRY GOLD, was;
ESPIONAGE - R

DATE: June 7, 1950

GOLD RESIDENCE SEARCH MATERIAL

Exhibit: 65-4307-1-B-5(49)

Reference: Search Memo, June 5, 1950, Page 6

Description: "Chemical Equipment Preview" magazine, dated July 7, 1942.

Possible Leads: Front cover of magazine bears pencilled name ART SIMMERS.

Information should be obtained from HARRY GOLD as to the identity of SIMMERS and data regarding their associations.

It is noted in Exhibit 65-4307-1-B-5(17), covering an application executed by GOLD, that one of GOLD's references was ARTHUR L. SIMMERS, Mechanical Engineer, Northeast Corner 36th and Chestnut Streets, Philadelphia.

WDN/jfm
65-4307

covered

*as I recall,
E has been
seen already.*

65-4307-744
James

SAC

7/23/50

SA RICHARD E. BREWSTER

HARRY GOLD
ESPIONAGE - R

Exhibit 65-4307-1-D-5(49)

This exhibit, consisting of the "Chemical Equipment Preview" magazine for July 7, 1942, was exhibited to GOLD on June 19, 1950.

GOLD stated that the name in pencil on the cover "JOE SILBERS" was undoubtedly written by the Chief Engineer at Pennsylvania Sugar Co. where SILBERS was employed. GOLD said that it was the practice of Pennsylvania Sugar Co. to write the names of certain employees on the covers of these journals in order to make proper distribution of them.

REF:DWI
65-4307

65-4307-745

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Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC
FROM : SA WILLIAM H. NAYLOR
SUBJECT: HARRY GOLD, was.
ESPIONAGE - R

DATE: 6/8/50

RE: GOLD RESIDENCE SEARCH MATERIAL

Exhibit No. 65-4307-1-B-5 (29-8)

Reference memorandum, 6/6/50, Page 14.

Description:

A small address book bearing a notation on the inside cover, "HARRY GOLD, 42 Glendale Street, Cinn., Ohio, also 5032 North Boudinot Street, Philadelphia, Pa."

An examination of the book reflects the following names and addresses:

JOE AYWARD R
Fairlawn, Ohio

THOMAS L. BLACK 65-4332
17 Oxford Street 65-4307-151 P37
Newark, N.J. 153 P37
Telephone: Market-2-5581

BILL CONNELLY R
66 East Dixon Avenue
Dayton, Ohio
Telephone: Walnut-4242

MORRELL DOUGHERTY 100-6289-451 P8
4711 Springfield Avenue 65-4318-70
Philadelphia, Pa. -24 P7
also -74

379 Latches Lane 65-4307-153 P34
Merion, Pa. (MORRELL DOUGHERTY)
Telephone: Merion 648 53171 HUNFIELD ST

GILES DeCOURCY, JR. R
4663 Glenway Avenue
Cincinnati, Ohio

DAN GUSICK R
1914 South 5th Street
Philadelphia, Pa.

WHN:ams
65-4307

Jensen: we should go thru
file & see that Jensen is furnished
with names of all his associates
with whom he is in touch, also. Jensen
S. Miller

65-4307-746

MEMO, SAC

6/8/50

CARTER HOODLESS
946 North Delaware Avenue
Philadelphia, Pa.
(Penna. Sugar)

65-41043-236, 237, 241, 242
247, 249, 250, 254
255, 258
65-4318-1821

JOHN KOWEN *R*
2263 North Howard Street
Philadelphia, Pa.
Telephone: Regent 2268 (D.D.)

REG-2268 LISTED TO PRESCRIPTION
DEPT. DRUGS & DRUG STORE AT
THIS ADDRESS

VERA KANE *R*
69 Wall Street
New York, N.Y.
(c/o Frazier, Spear, Kidder & Meyers)

FRANK KESSLER *R*
2711 South 7th Street
Philadelphia, Pa.

ED *R*
2530 South Marshall Street
Philadelphia, Pa.

AL SZLAR *R*
1905 South 5th Street
Philadelphia, Pa.

FANNY SILL *R*
415 Mercy Street
Philadelphia, Pa.

ARTHUR L. SIMMERS *R*
Room 411, Hotel Normandie
36th and Chestnut Streets
Philadelphia, Pa.

DR. C. F. STEELER *R*
Cincinnati, Ohio
Telephone: Kirby 2712

Possible Leads:

Will interview GOLD and ascertain identities and nature of association with above individuals, if not already covered.

Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC
FROM : SA RICHARD E. BRENNAN
SUBJECT: HARRY GOLD
ESPIONAGE - R

DATE: 7/13/50

Exhibit 65-4307-1-B-5(29-8)

This exhibit, consisting of a small address book, was shown to GOLD on June 19, 1950.

GOLD identified the individuals whose names are contained therein as follows:

JOE AYLWARD
Fairlawn, Ohio

GOLD said that AYLWARD was a classmate of his at Xavier University, Cincinnati, Ohio.

THOMAS L. BLACK
17 Oxford St.
Newark, N. J.
Telephone Market 2-5581

BLACK has previously been identified by GOLD and BLACK is presently the subject of an active investigation in this office.

BILL CONNELLY
66 E. Dixon Ave.
Dayton, Ohio
Telephone Walnut 4242

GOLD said that CONNELLY was a classmate of his at Xavier University.

MORRELL DOUGHERTY
4711 Springfield Ave.
Philadelphia, Pa.

DOUGHERTY has previously been identified as having been a close friend of GOLD for years and a former fellow employee at Pennsylvania Sugar Co.

65-4307-717

SERIALIZED	2
JUL 21	
FBI - PHIL	

25

Memo, SAC

7/13/50

PH 65-1307

GILES DeCOURCY, JR.
4663 Glenway Ave.
Cincinnati, Ohio

GOLD said that DeCOURCY was a classmate of his at Xavier University.

DAN GUSSICK
1914 S. 5th St.
Philadelphia, Pa.

GOLD said that GUSSICK was a schoolmate of his in South Philadelphia.

CARTER HOODLESS
946 N. Delaware Ave.
Philadelphia, Pa.
(Penna. Sugar)

GOLD has previously stated on many occasions that HOODLESS, now deceased, was a former fellow worker of his at Pennsylvania Sugar Co.

JOHN KONEN
2263 N. Howard St.
Philadelphia, Pa.
Telephone Regent 2268
(D.D.)

GOLD said that KONEN formerly worked with him at the Pennsylvania Sugar Co.

VERA KANE
69 Wall St.
New York, N. Y.
(Care of Frazier, Spear, Kidder & Meyers)

GOLD identified VERA KANE as a woman whose apartment he went to on two or three occasions with THOMAS L. BLACK and FERDINAND HELLER. The information which GOLD supplied concerning VERA KANE upon being shown this name has previously been reported to interested offices.

Memo. SAC

7/13/50

PH 5-4307

FRANK KESSLER
2711 S. 7th St.
Philadelphia, Pa.

As has previously been determined, GOLD used the name FRANK KESSLER in many of his espionage activities. GOLD said that the FRANK KESSLER whose name appears in this book is a real person whose name GOLD used at first without remembering that he had formerly known an individual by this name. GOLD said that he kept this name in his address book for any contingency which might arise due to the fact that he was using this name upon occasion in his espionage activities.

ED _____
2530 S. Marshall St.
Philadelphia, Pa.

GOLD said that the last name of this individual is LIEBERMAN and that ED LIEBERMAN was a former schoolmate of his in Philadelphia.

AL SKALAR
1905 S. 5th St.
Philadelphia, Pa.

GOLD said that SKALAR was a former schoolmate of his in Philadelphia.

FANNY SILL
415 Mercy St.
Philadelphia, Pa.

GOLD said that FANNY SILL was a friend of one of his former girl friends by the name of SARA OKEN. OKEN has previously been identified during the course of investigation. GOLD said that he took FANNY SILL out upon one occasion in company with SARA OKEN.

Memo, SAC

7/13/50

PH 65-4307

ARTHUR L. SIMMERS
Room 411
Hotel Normandie
36th & Chestnut Sts.
Philadelphia, Pa.

SIMMERS, a former fellow employee of GOLD at Pennsylvania Sugar Co., has previously been identified during the course of investigation and information concerning him has been reported.

Dr. C. F. WHEELER
Cincinnati, Ohio
Telephone Kirby 2712

GOLD said that Dr. WHEELER was the Professor of English at Xavier University and had been one of GOLD's instructors at that place.

Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC
FROM : SA William H. Naylor
SUBJECT: HARRY GOLD, was;
ESPIONAGE - R

DATE: June 7, 1950

GOLD RESIDENCE SEARCH MATERIAL

Exhibit: 65-4307-1-B-5(8)
Reference: Search Memo, June 5, 1950, Page 3
Description: A piece of white paper approximately 3" x 8", captioned, "All R&D Department." The paper bore two names, Mr. ~~THEODOR LAPALA~~, Head of the Acceptance Lab, and Dr. ~~SIN~~, or ~~SIO~~, or ~~SL~~, Head of the Biological Lab.
Possible Leads: GOLD should be questioned regarding identity of these individuals and information obtained concerning his association with them.

WHN/jfm
65-4307

6-19-50
WHA

65-4307-748

Jensen
H.S. Miller

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Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC
FROM : SA RICHARD E. BRENNAN
SUBJECT: HARRY GOLD
ESPIONAGE - R

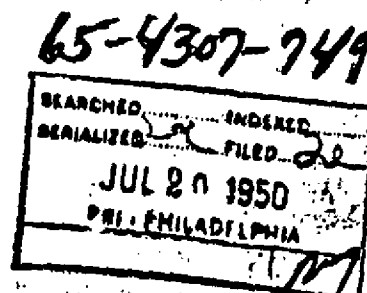
DATE: 7/13/50

Exhibit 65-4307-1-D-5(8)

This exhibit, consisting of a piece of white paper with certain penciled writing, was exhibited to GOLD on June 19, 1950.

GOLD said that the notation "All R&D Dept." and the two names appearing afterwards, AFALA and SINN, refer to individuals at the Quartermaster Depot, Philadelphia, Pa. GOLD said that his brother, JOSEPH, gave him these names at one time in the event that GOLD would be anxious to obtain a civil service position at the Quartermaster Depot. GOLD said that he never applied for this position.

REB:DNH
65-4307



Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC

FROM : SA RICHARD E. BRENNAN

SUBJECT: HARRY GOLD
ESPIONAGE - R

DATE: 7/13/50

Exhibit 65-4307-1-B-5(9)

This exhibit, consisting of a scrap of paper, probably paper hand towel, was exhibited to GOLD on June 19, 1950.

GOLD said that Dr. MYERS, whose name appears on this paper, called GOLD some months ago when MYERS was in Philadelphia. GOLD said that MYERS operates the Myers Clinic Hospital at Philippi, West Virginia, and was concerned with hiring a chemist for the hospital. GOLD said that one of MYERS' relatives was an interne at Philadelphia General Hospital and had given MYERS GOLD's name and telephone number.

REB:DWK
65-4307

65-4307-750

SEARCHED.....	INDEXED.....
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JUL 20 1950	
FBI - PHILADELPHIA	

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Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC [redacted]
 FROM : SA William H. Naylor
 SUBJECT: HARRY GOLD, was;
 ESPIONAGE - R

DATE: June 7, 1950

GOLD RESIDENCE SEARCH MATERIAL

Exhibit: 65-4307-1-B-5(9)
 Reference: Search Memo, June 5, 1950, Page 3
 Description: A scrap of paper, appearing to be a portion of a paper hand towel, bearing the name Dr. E. E. MYERS, Myers Clinic Hospital, Philippi, W. Va. Paper also includes other small notes which are unreadable except for the words, "Flame Polarographic Wk. & Clinic."
 Possible leads: Information should be obtained from GOLD as to identity of Dr. MYERS and data regarding their association.

WHN/jfm
 65-4307

*6-11-50
 [initials]*

*Re 3 letters
 to Goldman?*

65-4307-751
21
Jensen
R.S. Murphy

Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC [redacted]
 FROM : SA William H. Naylor
 SUBJECT: HARRY GOLD, was;
 ESPIONAGE - R

DATE: June 7, 1950

GOLD RESIDENCE SEARCH MATERIAL

Exhibit: 65-4307-1-B-5(11)

Reference: Search Memo, June 5, 1950, Page 3

Description: Envelope from THEO. B. KROUSE, Lt. (jg), care of U. S. Naval Hospital, Philadelphia 45, Pa., and directed to HARRY GOLD, care of Metabolic Laboratory, Philadelphia General Hospital, Philadelphia 4, Pa. It appears that the envelope was probably postmarked at Abington, Pa., August 22, 1949.

The envelope contained a letter written Friday, August 19th and directed to "Dear HARRY" from "TED." The letter pertains to a photograph of GOLD taken in his laboratory and probably taken by TED. TED mentions that HARRY is working on proving the frontier of the "K Plus" and the letter bears a notation, "Keep the faith."

Possible Leads: Information should be obtained from GOLD as to the identity of THEODORE B. KROUSE and the nature of their association.

Information should also be developed as to the meaning of "K Plus" and the statement, "Keep the faith."

WIN/jfm
 65-4307

65-4307-752
 Jensen R.
 Es Miller

Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC

FROM : SA RICHARD E. BRENNAN

SUBJECT: HARRY GOLD
ESPIONAGE - R

DATE: 7/13/50

Exhibit 65-4307-1-B-5(11)

This exhibit, consisting of an envelope and letter from THEO. B. KROUSE, Lt. (jg), U. S. Naval Hospital, Philadelphia, Pa., was exhibited to GOLD on June 19, 1950.

GOLD said that KROUSE had been an interne in Philadelphia General Hospital where GOLD worked and GOLD knew KROUSE through their association at the hospital.

GOLD also said that the photograph referred to in the letter was one which KROUSE had taken of GOLD in the hospital.

REB: DWH
65-4307

65-4307-753

SEARCHED	INDEXED
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FBI - PHILADELPHIA	

Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC
 FROM : SA ALBERT L. PIERCE
 SUBJECT: HARRY GOLD, was.
 ESPIONAGE - R

DATE: 6/7/50

RE: GOLD RESIDENCE SEARCH MATERIAL

Exhibit No. 65-4307-1-B-5 (27)

Reference search memorandum of SA ELWOOD A. PETT, dated 6/5/50, Page 3.

Description:

One calendar memorandum book with no notations except on the first and third pages, entitled Special Data, and on the Memorandum page following the Date section.

The first Special Data page contained miscellaneous numbers and letters, the meaning of which is unknown. The second Special Data page contained the address, "Mfg. Chemists Assn., 608 Woodward Bldg., Wash. 5, D.C." Underneath this were the notations, "US 1., 050, 453, C.A. 7, 8718". The Memorandum page contained the address 2127 Locust Street and phone number LO 7-0832.

This phone number was checked and found to be listed to SARAH HENSTER, 2124 Spruce Street, Philadelphia, 4th floor. This phone was installed on March 10, 1947, and disconnected on February 6, 1950.

Lead:

Will exhibit this memorandum book to HARRY GOLD for his explanation of the meaning of the contents. In this connection, when questioning MORRELL DOUGHERTY, it was learned that GOLD and DOUGHERTY had visited THOMAS BLACK at a house in the 2100 Block of Spruce Street. DOUGHERTY stated that JACK FAST (possibly FASS) lived with BLACK at this address, along with FAST's sister.

ALP:ams
 65-4307

Jensen! - Who is @ 2127 Locust? Sarah Henster used to be in that area

Mullen! - Henster is a former C.P. member, who was ousted on charges involving "invested white chem - sim, etc."

covered 6-19-50
 65-4307-754

Jensen

Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC
FROM : SA RICHARD E. BRENNAN
SUBJECT: HARRY GOLD
ESPIONAGE - R

DATE: 7/13/50

Exhibit 65-4307-1-B-5(27)

This exhibit, consisting of a memorandum book with the date 1947 imprinted on the front cover, was exhibited to GOLD on June 19, 1950.

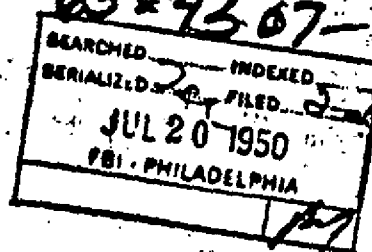
GOLD stated that the notation "Mfg. Chemists Assn., 608 Woodward Bldg., Wash. 5, D. C." was the address of a business firm in Washington, D. C. and that the notations on the next line consist of chemical specifications.

GOLD said that SARA HERSHER, 2124 Spruce St., is the name and address of the apartment where THOMAS L. BLACK lived upon one occasion. GOLD said that SARA HERSHER is a relative of JACK FASS an associate in business of THOMAS L. BLACK. GOLD stated that he does not know SARA HERSHER except by reputation.

REB:DWI

65-4307

CC: 65-4332



Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC
FROM : SA WILLIAM E. NAYLOR
SUBJECT : HARRY GOLD was.
ESPIONAGE - R

DATE: June 7, 1950

GOLD RESIDENCE SEARCH MATERIAL

EXHIBIT: 65-4307-1-B-5 (68)
REFERENCE: Memo, June 5, 1950, Page 5
DESCRIPTION: Pamphlet entitled "Tales Told in the Long House",
which covers a selection of Indian legends,
published through the compliments of the
Carborundum Company, Niagara Falls, New York.
POSSIBLE LEADS: The book contains no markings or writings and
there appear to be no leads.

*was sold there?
maybe from stock - ready material*

WHN/kob
65-4307

65-4307-756
6-19-50
Jensen
G. S. Miller

Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC

FROM : SA RICHARD E. BRENNAN

SUBJECT: HARRY GOLD
ESPIONAGE - R

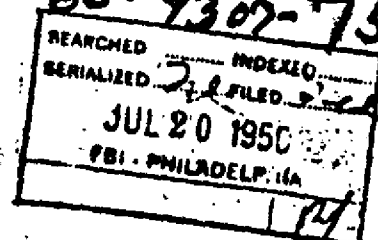
DATE: 7/13/50

Exhibit 65-4307-1-B-5(68)

This exhibit, which consists of a booklet entitled "Tales Told in the Long House", was exhibited to GOLD on June 19, 1950.

GOLD said that this booklet is typical of the type given away at the Exposition of Chemical Industries which is held annually at Grand Central Palace in New York City. GOLD believes that he undoubtedly secured this booklet at that source.

REB:DWB
65-4307



Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC

FROM : SA William H. Naylor

SUBJECT: HARRY GOLD, was;
ESPIONAGE - R

DATE: June 7, 1950

GOLD RESIDENCE SEARCH MATERIAL

Exhibit: 65-4307-1-B-5(17)

Reference: Search Memo, June 5, 1950, Pages 4 and 5

Description: Manila envelope approximately 7" x 10" bearing notation, "Re: Org. 3/29/46, J. H. BOWEN's job." The envelope contains the following material:

- A. Application for Federal employment executed by HARRY GOLD, date not shown. This application was for a position at the U. S. Naval Base, Philadelphia, as a chemist and contains considerable background information concerning GOLD regarding education, references and previous employment.
- B. Two pages of handwritten notes captioned, "Routine Analytical Work in Sugar Refinery. January 1929 to September 1930."
- C. 3" x 5" card bearing address, "FISH-SCHURMAN Corporation, 230 East 45th Street, New York 17, N.Y.," followed by a notation, "Falling Ball Viscosimeter - HOEPPLER." The card also bears a notation, "Viscosity of Gasses."
- D. An envelope from the Drexel Institute of Technology Evening School addressed to HARRY GOLD, 5032 North Boudinot Street, Philadelphia, which envelope was postmarked at Philadelphia, May 3, 1938. The envelope contained a carbon copy of a letter, dated May 3, 1938, directed to Mrs. L. S. CAMPBELL of Drexel Institute from one ~~PAUL N. KOUBE~~, and referred to an article in the "Drexel Alumnite" for May 1938. Since a copy of this letter was

WHD/jfm
65-4307

Search

65-4307-758

Jan 11
W. H. Miller

SAC

June 7, 1950

sent to GOLD with a footnote that he would be interested in the letter, it appears that GOLD may have written an article which appeared in the May issue of the "Drexel Alumnite."

E. Several small pieces of paper bearing notations which appear to be bibliographical references inasmuch as they mention dates, volumes, pages, etc. These notes also include the name NIXON-TURCO, 401 North Broad Street, telephone Walnut 6789, and JIM SUTTON or SUTTO, 2650 Sterner Street (27th and Lehigh).

Possible Leads:

C. Information should be obtained from GOLD as to the identity of this company and the nature of his contacts with the company.

D. Information should be obtained from GOLD as to the purpose of his receiving a copy of this letter and the nature of the article mentioned.

E. Information should be obtained from GOLD as to the identity of the two individuals named above and the nature of his association with them.

Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC
FROM : SA RICHARD E. BRENNAN
SUBJECT: HARRY GOLD
ESPIONAGE - R

DATE: 7/13/50

Exhibit 65-4307-1-B-5(17)

This exhibit, consisting of a manila envelope containing five items, was shown to GOLD on June 19, 1950.

GOLD said that the name J. H. BOWEN written on the cover of the envelope refers to the individual who interviewed GOLD for a job at the Philadelphia Navy Yard in 1946.

The letter contained therein to GOLD from the Drexel Institute Evening School, Philadelphia, GOLD identified as being the type of literature which he frequently received from Drexel as an alumnus of that school.

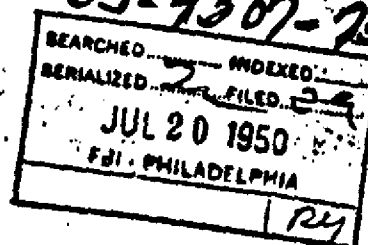
The 3" x 5" card containing the reference to Fish-Schurman Corp. GOLD identified as the name of a corporation which he did business with while employed at Pennsylvania Sugar Co. and A. Brothman Associates.

The two pages of handwritten information GOLD identified as being in his handwriting and pertained to work which he had done several years previously at Pennsylvania Sugar Co.

The Application for Federal Employment contained in the envelope was identified by GOLD as a copy of an application which he sent to the Philadelphia Naval Base in 1946 when he was attempting to secure employment.

The three sheets of perforated paper GOLD identified as being in his handwriting and stated that they are the result of library searches and contain bibliographical reference to chemical journals.

REB:DJH
65-4307



Office Memorandum • UNITED STATES GOVERNMENT

TO : ~~SA~~

FROM : SA WILLIAM E. HUGHES

SUBJECT: HARRY GOLD, was.,
ESPIONAGE - R

DATE: June 7, 1950

ANALYSIS OF GOLD RESIDENCE SEARCH MATERIAL

Exhibit #65-4307-1-B-5 (69).

Re search memorandum of SA ELWOOD A. PETT, dated 6-5-50, page 5.

Description: This is a group of 12 items, most of which are business cards and contain information as follows:

- (1) One torn scrap of paper, approximately 3 x 5", containing the following information: "LEWIS ~~MYER~~, cabinet maker, 482 N. 5th St., Phila., Pa. Phone Lombard 3-4763." This slip of paper was torn from a desk calendar dated May 24, 1946. No significance is attached to this item inasmuch as this is HARRY GOLD's father's employer.
- (2) A business card, approximately 2 x 4" advertising GLUCKSTERN's RESTAURANT, 157 W. 49th St., (apparently NYC), telephones Circle 5-7960 and Circle 7-8581.
- (3) A business card of the John Wanamaker Philadelphia Store, Men's Clothing, Budget Store - Gallery, coming from salesman JOHN L. ~~HARTMAN~~.
- (4) A business card of Dr. L. L. ~~TREUER~~, M. D., Physician and Surgeon, 85-43 - 55th Ave., Elmhurst, Long Island, New York, telephone NE 9-7181. This card also bears the handwritten pencilled notation on its face "RA (or RU) 5-7167," and the name "HANA."
- (5) A business card of J. ~~TREIMERT~~, representing the D. H. LITTE COMPANY, INC., Manufacturers' Agents of Raw Materials, 242 W. 55th St., New York, telephone Circle 5-8510. This card also bears the handwritten pencilled notation "2-5800."

WEL:as
65-4307

cc: 65-4332

65-4307-760

Corrected
6-18
RIP

Jensen
G.S. Miller

SAC.

June 7, 1950

- (6) A business card of J. G. ~~STOLL~~, representing REPUBLIC FILTERS, INC., (formerly ~~AMERICAN SEITZ~~), 17 Stone St., Newark 4, New Jersey, telephone Humuolt 2-5397. There were no handwritten notations on this card.
- (7) A business card of the RICHARD LEVICH's SON & COMPANY, Rubber Goods Synthetic Products, 720 Chestnut Street, Philadelphia 5, Pa., telephones Walnut 0202 and Main 3425.
- (8) A business card of SCIENTIFIC GLASS APPARATUS COMPANY, INC., Bloomfield, New Jersey, representative's name being P. R. ~~ROERS~~. There were no handwritten notations.
- (9) A stiff white card, approximately 1½ x 3", bearing the following handprinted name and address:

JOHN J. ~~LIBERT~~
1739 Bridge St., Philadelphia,

and the number 141 in the lower left-hand corner.

- (10) A small white card, approximately 1½ x 3", having chemical formulae written on one side in pencil and on the reverse side the following handprinted pencilled notation:

"ABA LABORATORIES
85 - 03 - 57th Avenue
Elmhurst, Long Island, New York."

- (11) A business card of H. E. ~~LOUGHERTY~~, Service Engineer of the ACHESON COLLOIDS CORPORATION, Port Huron, Michigan, LOUGHERTY being located at the Land Title Building, Phila. 10, Pa., telephone Locust 7113. This card has the following handwritten notation on the reverse side:

"CHARLES LENNING COMPANY
Del 6-5900, Extension 317, 1 ab. 28."

SAC

June 7, 1950

- (12) A 4 x 6" lined card bearing the telephone number DEWey 4-4214 on one side and on the reverse side a schedule for Wednesday, 8-6-47, apparently relating to chemical work. This writing cannot be read by the writer.

Lead:

HARRY GOLD should be questioned regarding the significance of each of these items and the subscribers should be located for telephone number DE 4-4214; also RA 5-7167 to determine if anyone named HANN has used that number; as well as setting out leads for New York after GOLD has been questioned regarding these items.

Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC

FROM : SA RICHARD E. BRENNAN

SUBJECT: HARRY GOLD
ESPIONAGE - R

DATE: 7/13/50

Exhibit 65-4307-1-B-5(69)

This exhibit, which consists of twelve items, was shown to GOLD on June 19, 1950.

These items will be identified by number in accordance with search memo dated June 7, 1950.

- (1). SAMUEL GOLD's employer.
- (2). GOLD does not know the origin of this card and attaches no significance to it.
- (3). GOLD said he made many purchases at John Wanamaker's.
- (4). GOLD identified Dr. L. L. BREUER as being a practicing physician in the neighborhood of BROTHMAN's Elmhurst laboratory. Upon one occasion GOLD took CY SILBERSTEIN to Dr. BREUER's office for medical attention when the former had cut his hand at work.

GOLD does not recall the significance of the name "HANN".

- (5). GOLD said this concern was a supplier of raw materials for the A. Brothman Co.
- (6). Relative to the Republic Filters, Inc., GOLD said that TOM BLACK had an idea for purifying and removing bacteria from various solutions. GOLD said this firm manufactured equipment for such processes. GOLD said that he undoubtedly had the card because, as he previously stated, he and BLACK had the idea that they might use this process if they ever went into business. GOLD also said that he may have received this card at one of the chemical expositions in New York City.
- (7). GOLD said that he bought overshoes and laboratory equipment from the Levick Co.

REB: DWH
65-4307

cc: 65-4332

65-4307-761

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Memo, SAC

7/13/50

PH 65-1307

- (8). GOLD said that this concern did legitimate business with the A. Brothman Co.
- (9). GOLD was unable to identify LAMBERT.
- (10). This is GOLD's former employer A. Brothman Associates.
- (11). This is a card of GOLD's known friend MORRELL E. DOUGHERTY.
- (12). GOLD said that this telephone number would appear to be in South Philadelphia and is probably that of some individual with whom he went to school.

Office Memorandum • UNITED STATES GOVERNMENT

TO : ~~SAC~~

FROM : SA WILLIAM E. HUGHES

SUBJECT: HARRY GOLD, was.,
ESPIONAGE - R

DATE: June 7, 1950

ANALYSIS OF GOLD RESIDENCE SEARCH MATERIAL

Exhibit #65-4307-1-B-5 (61).

Re search memorandum of SA ELWOOD A. PETT, dated 6-5-50, page 7.

Description: The October 1933 issue of the magazine entitled "The Catalyst" issued by the Philadelphia Delaware and South Jersey Sections of the American Chemical Society. It also bears the following handwritten notation in ink: "Telephone #Michigan 359, 5011 Camac St., 65 car to 5000 Ruscomb St." The first of the four numbers in the telephone number cannot be identified and looks like either a 3 or a 5 written backwards.

Lead: The various telephone subscribers from 1933 to the present should be checked to determine the individual to whom this telephone was listed at 5011 Camac Street.

WEH:as
65-4307

*Michigan
know person
5011 Camac*

65-4307-762

*James M.
T.S. Miller*

Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC
FROM : SA RICHARD E. BRENNAN
SUBJECT: HARRY GOLD
ESPIONAGE - R

DATE: 7/13/50

Exhibit 65-4307-1-B-5(61)

* This exhibit, which consists of a copy of a magazine entitled "The Catalyst" for October, 1933, was exhibited to GOLD on June 19, 1950.

GOLD said that the telephone number and address written in ink thereon is the address where his uncle, SHMUEL L. B. OMINSKY, formerly resided.

REB: DWH
65-4307

65-4307-763

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Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC, PHILADELPHIA
FROM : T. SCOTT MILLER, SA
SUBJECT: HARRY GOLD, was.,
ESPIONAGE - R

DATE: July 7, 1950

65-4307-1B 12 (4) - Folder No. 17

On June 24, 1950 the above material was shown to GOLD at which time he advised that the small sheets in the folder refer to work he did at Pennsylvania Sugar on Dr. REICH's process for the recovery of chemicals from slop resulting from the distillation of molasses beer.

The remainder of the material is concerned with work which GOLD did at Pennsylvania Sugar Company in 1940. Some of this material is in the handwriting of HARRY GOLD and some of it is in the handwriting of Dr. GUSTAV REICH.

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65-4307

65-4307-764

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Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC, PHILADELPHIA

FROM : T. SCOTT MILLER, SA

SUBJECT: HARRY GOLD, was.,
ESP - R

DATE: 7/7/50

65-4307-1B 12 (4) Folder No. 14

On June 24, 1950 GOLD identified this material as work he did at Pennsylvania Sugar in connection with a book which GOLD was going to draw up for Dr. REICH and which was concerned with Pennsylvania Sugar Company methods.

GOLD also stated that this folder contained vitamin assay material in connection with GOLD's work at Pennsylvania Sugar.

65-4307-1B 12 (4) Folder No. 15

On the same date GOLD advised that all of the material in this folder was concerned with vitamin assay work he did at Pennsylvania Sugar.

TSM:EMC
65-4307

65-4307-75

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Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC, PHILADELPHIA

FROM : T. SCOTT MILLER, SA.

SUBJECT: HARRY GOLD
ESP - R

DATE: July 7, 1950

65-4307-1B 12 (4) Folder No. 12

On June 24, 1950 GOLD advised that some of the material in this folder is concerned with vitamins in connection with GOLD's work at Pennsylvania Sugar Company. The report dated 12/5/40 was material on production of lactic acid and a page entitled "Personal Affairs" with the following written thereafter in GOLD's handwriting:

- a. another job
- b. more dough here
- c. own laboratory
- d. debts

Attention is called to C. above which indicated that GOLD was considering a laboratory of his own as well as D. above which indicated that GOLD had debts. GOLD has advised that he was continually in debt because of his expenses in Soviet espionage.

GOLD said that the letter dated 4/22/42 was in the handwriting of MORRIS E. DOUGHERTY and was a work program for Dr. REICH.

65-4307
TSM:EMC

65-4307-76

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Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC, PHILADELPHIA
FROM : T. SCOTT MILLER, SA
SUBJECT: HARRY GOLD
ESP - R

DATE: July 7, 1950

65-4307-1B 12 (4) Folder No. 9

On June 24, 1950 GOLD advised that the material in this folder was in his handwriting and consisted of laboratory notes on his work on CO 2 recovery at the Pennsylvania Sugar Company.

65-4307-1B 12 (4) Folder No. 10

On the same date GOLD identified the above folder as containing material on vitamin assays in connection with his work at Pennsylvania Sugar. GOLD said that this material is in the handwriting of himself and MORRELL E. DOUGHERTY.

65-4307
TSM:LMC

65-4307-767

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Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC, PHILADELPHIA
FROM : T. SCOTT MILLER, SA
SUBJECT: HARRY GOLD, was.,
ESPIONAGE - R

DATE: July 7, 1950

65-4307-1B 12 (1) Folder No. 10

The above material was shown to GOLD on June 24, 1950 at which time GOLD explained the material therein.

The application for employment with the Sun Oil Company GOLD stated, he obtained in 1948 with the idea of seeking employment with this company. He said that he never filled out the application.

GOLD said MORRELL E. DOUGHERTY on behalf of GOLD, called up JOHN ASHENFELTER of the Sun Oil Company in August 1948 and told ASHENFELTER that GOLD would be in to see him relative to a position. GOLD said he did go to see ASHENFELTER but that the meeting was very unsatisfactory inasmuch as there were so many interruptions and it was suggested that another meeting be held but since the position at the Philadelphia General Hospital was about to materialize at that time, GOLD never followed through with the Sun Oil employment.

The material marked "#1" GOLD stated, were notes in his handwriting on literature searches for EDDY QUICK who owned the Peacock Gold Leaf Company, in which building the Laboratory of A. BROTHMAN and Associates is located.

The last 8 pages of notes GOLD stated were notes on work at Abe Brothman and Associates relative to the Diol process. Some of this material is not in the handwriting of GOLD.

TSM:EMC
65-4307

CC: 65-4318

65-4307-768

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Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC, PHILADELPHIA
FROM : T. SCOTT MILLER, SA
SUBJECT: HARRY GOLD, was.,
ESPIONAGE - R

DATE: July 7, 1950

65-4307-1B 12 (1) Folder No. 9

GOLD advised on June 24, 1950 that the material in this folder are notes and material in connection with a course given by Dr. CARL SCHWARTZ, Professor in Pharmacology at the University of Pennsylvania Medical School. GOLD said that he took this course in the Fall of 1948 which was given by the Philadelphia Section of the American Chemical Society and paid \$10.00 to take the course.

GOLD said he thought that he needed this course in connection with his position at the Philadelphia General Hospital.

The notes in this folder are in the handwriting of HARRY GOLD.

TSM:EMC
65-4307

65-4307-769

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Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC, PHILADELPHIA

FROM : T. SCOTT MILLER, SA

SUBJECT: HARRY GOLD, was.,
ESP - R

DATE: July 7, 1950

65-4307-1B 12 (1) Folder No. 8

GOLD identified the material in this folder on June 24, 1950.

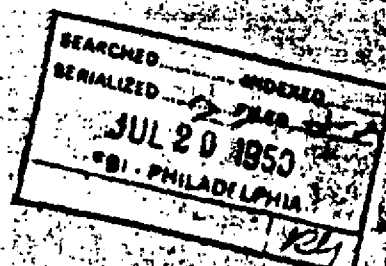
The letter dated September 15, 1947 from JULIAN PADE BRODIE to BROTHMAN, GOLD said, was in connection with some work that BROTHMAN's firm was doing for BRODIE which was an attempt to develop a men's vanishing cream. GOLD explained that the firm was having difficulty in making the cream with the qualities that BRODIE desired the cream to have, such as a medicinal effect on the face as well as leaving the face with a definite tanned appearance. GOLD said this letter was written by BRODIE after it was apparent by both parties that the vanishing cream could not be produced.

GOLD said that the remainder of the material in this folder dealt with his work at the Philadelphia General Hospital and his course in pharmacology at the U. of Pa. Medical School.

TSM:EMC

65-4307

cc: 65-4307



Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC, PHILADELPHIA
FROM : T. SCOTT MILLER, SA
SUBJECT: HARRY GOLD, was.,
ESP - R

DATE: July 7, 1950

65-4307-1B 12 (1) Folder No. 7

This folder was shown GOLD on June 24, 1950.

GOLD stated that the name "Browning" on the front of the folder referred to the works of ROBERT BROWNING which had to do with a course in English which GOLD was taking at Xavier University in 1936. GOLD stated he merely used this folder for other purposes after he got out of College.

GOLD stated that the material in this folder concerned some of his work at Pennsylvania Sugar such as salt recovery from molasses distillery slop, which work was done between the time he knew he was going to work with Pennsylvania Sugar in 1940 and the time he actually commenced work. GOLD said he examined chemical abstracts in the library about June 1940 in preparation for his job at Pennsylvania Sugar.

TSM:EMC
65-4307

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65-4307-271

Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC, PHILADELPHIA
FROM : T. SCOTT MILLER, SA
SUBJECT: HARRY GOLD, was.,
ESP - R

DATE: July 7, 1950

65-4307-1B 12 (1) Folder No. 6

On June 24, 1950 GOLD advised that the material contained in this folder was concerned with his course on Pharmacology in 1948.

65-4307-1B 12 (1) Folder No. 5

On June 24, 1950 GOLD advised that the material in this folder was concerned with the course GOLD took on Pharmacology in 1948.

TSM:EMC
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65-4307-772

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Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC, PHILADELPHIA
FROM : T. SCOTT MILLER, SA
SUBJECT: HARRY GOLD
ESP - R

DATE: July 7, 1950

65-4307-1B 12 (1) Folder No. 4

On June 24, 1950 GOLD advised that the material in this folder is notes in connection with his work at Pennsylvania Sugar. He said that most of it is in his handwriting but that that handwriting which is not his is probably that of Dr. GUSTAV REICH.

GOLD said that the majority of this work was done in about 1941.

The two pages clipped together and marked in red "1" contain notes in GOLD's handwriting pertaining to the theory of thermal diffusion. GOLD states that these notes were made while the employees at the Pennsylvania Sugar Company were on strike in 1941 and that GOLD spent this time working on his pet theory from material at the Franklin Institute in Philadelphia, Pa.

GOLD stated that he had tried to interest Dr. REICH in the possible application of the theory of thermal diffusion of gases to the recovery of CO-2 from flues at the Pennsylvania Sugar Company. Dr. REICH had also been working on CO-2 recovery by another method and GOLD participated in this work with him.

TSM:EMC
65-4307

65-4307-77

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Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC, PHILADELPHIA
FROM : T. SCOTT MILLER, SA
SUBJECT: HARRY GOLD
ESP - R

DATE: July 7, 1950

65-4307-1B 12 (4) Folder 4

On June 24, 1950 GOLD advised that the handwriting on the two sheets of paper in this folder was his own and that it was concerned with library work on January 30, 1943 which he did in connection with vitamin work for the Pennsylvania Sugar Company.

TSM:EMC
65-4307

65-4307-278

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Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC, PHILADELPHIA

FROM : T. SCOTT MILLER, SA

SUBJECT: HARRY GOLD
ESP - R

DATE: July 7, 1950

65-4307-1B 12 (4) Folder No. 3

On June 24, 1950 GOLD advised that the one sheet of paper in this folder was a sample of a proposed data sheet which GOLD prepared in connection with his work at Pennsylvania Sugar. GOLD stated that this sheet was to be printed up and used in laboratory work at the Pennsylvania Sugar Laboratory.

TSM:EMC
65-4307

65-4307-726

SEARCHED	INDEXED
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Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC, PHILADELPHIA
FROM : T. SCOTT MILLER, SA
SUBJECT: HARRY GOLD
ESP - R

DATE: July 7, 1950

65-4307-1B 12 (1) FOLDER No. 1

This folder which is labeled "Al Deposition on Paper" was shown to GOLD on June 24, 1950.

GOLD advised that this material was work he had done while with BROTHMAN and was concerned with a process involving the aluminum deposits on paper and was for EDWIN QUICK of the Peacock Gold Leaf Company. GOLD stated that QUICK was also interested in depositing aluminum on paper, as well as GOLD.

TSM:EMC
65-4307

cc: 65-4307

65-4307-776

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Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC, Philadelphia

FROM : SA T. SCOTT MILLER, JR.

SUBJECT: HARRY GOLD, was.
ESPIONAGE - R

DATE: 7/10/50

EXHIBIT 65-4307-1B-13 (11) (Exhibit 22)

On 6/25/50, GOLD identified the notebook pages comprising this exhibit as being his handwritten notes in connection with a chemistry course at the University of Pennsylvania, as well as a German course at the same institution.

It is noted that these notes are dated 1932.

TSM:HMF
65-4307

65-4307-77

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Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC, Philadelphia

FROM : SA T. SCOTT MILLER, JR.

SUBJECT: HARRY GOLD, was.
ESPIONAGE - R

DATE: 7/10/50

EXHIBIT 65-4307-1B-13 (7) (Exhibit 18)

On 6/25/50, GOLD identified this booklet as having been obtained from the BROTHMAN laboratory sometime while he was employed there. He said this booklet is merely one of government specifications on plastics.

TSM:HKF
65-4307

CC: 65-4307

65-4307-718

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Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC, Philadelphia

FROM : SA T. SCOTT MILLER, JR.

SUBJECT: HARRY GOLD, was.
ESPIONAGE - R

DATE: 7/10/50

EXHIBIT 65-4307-1B-13 (1) (Exhibit 12D)

On 6/25/50, GOLD examined the material contained in the above folder, at which time he stated that the written material was in his handwriting and consisted of notes on work in connection with the synthesis of dimethyl hexine diol, which work he did in May of 1947, according to the notes. The remainder of the material is technical equipment literature. In connection with the folder on HENDRICK mixing equipment, GOLD stated that there were two possibilities as to why he had this in his possession: (1) The material was obtained from BROTHMAN's files and was accidentally mixed in with material which GOLD was interested in when he left BROTHMAN's employ. GOLD added that he would have very little use for something of this nature. (2) BROTHMAN had given him this folder for GOLD to submit to the Soviet Union, which GOLD never did. GOLD said the first possibility was the more likely.

EXHIBIT 65-4307-1B-13 (1) (Exhibit 12H)

On the same date GOLD examined the material in this folder and gave the following explanations:

The letter dated 2/21/47 to BROTHMAN on the stationery of FENNIE, EDMONDS, MORTON & BARRONS was in connection with patents which related to processes on which the BROTHMAN firm was working. GOLD stated that he recalled BROTHMAN dealt with ARNOLD R. WEIKMAN, an attorney who is listed as an associate of the firm.

Relative to the letter from the AMERICAN CYANAMID COMPANY, dated 1/7/47, this was in connection with the manufacture of acetone.

The three pages dated 12/12/46 and entitled "Seminar," GOLD stated, were notes taken at a seminar held in BROTHMAN's office. BROTHMAN started having these seminars to acquaint members of the organization who were not familiar with chemistry, etc., with the general theory in those fields. GOLD said these seminars never got beyond the chemical field as BROTHMAN finally came to the conclusion they were too time consuming.

EXHIBIT 65-4307-1B-13 (1) (Exhibit 12I)

On the same date GOLD examined the material in the above folder, at which time he stated that the majority of the handwriting was his own and that the work

TSM:HKF
65-4307

cc: 65-4318

65-4307-779

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7/10/50

was done in connection with GOLD's employment by BROTHMAN. GOLD identified this material as notes and work on the methyl methacrylate molding powder; the synthesis of B-complex vitamins in connection with a report being prepared for AMTORG TRADING CORPORATION in 1946; and the small 8" x 5" pieces of paper indicate research done on the alternate synthesis of nylon, which was connected with BROTHMAN's office and was not part of the data on nylon obtained by SLACK from HOWARD GOCHENAUR of the DUPONT COMPANY in Belle, West Virginia. Also contained in this folder are schedules of work to be done at the BROTHMAN laboratory. GOLD recognized that some of the handwriting on the material in this folder is that of SOL FARBEL.

EXHIBIT 65-4307-1B-13 (1) (Exhibit 12J)

On the same date GOLD examined the material in the above folder, at which time he said that all this material consisted of laboratory notes, calculations, laboratory reports, etc., in connection with work being done by the BROTHMAN firm in late 1946 and early 1947. GOLD said he recognized his own handwriting as well as that of BILL KOHOLL, SY SILVERSTEIN, and BROTHMAN.

EXHIBIT 65-4307-1B-13 (1) (Exhibit 12K)

On the same date, after examining the material in the above folder, GOLD stated that all of the material in this folder, with the exception of the last page, dealt with a scheme for writing a patent on the methyl methacrylate synthesis and an osomalysis process in connection with the work on methyl methacrylate. GOLD stated that in connection with the osomalysis notes, he thought that he made them while conducting experiments in the laboratories of the OZONE PROCESSES COMPANY in Philadelphia, at a time when BROTHMAN was considering the purchase of an osomizer to be used in research being conducted by the BROTHMAN firm at that time. GOLD said he made several trips to Philadelphia for the purpose of conducting these experiments, but that an osomizer was not purchased.

GOLD stated that the last page of notes, which is on ruled paper, consist of rough draft notes in connection with the building of the plant for the STANTON LABORATORIES.

EXHIBIT 65-4307-1B-13 (1) (Exhibit 12L)

On the same date GOLD examined the material in this folder and gave the following observations:

Most of this material, according to GOLD, consists of laboratory notes of BROTHMAN in connection with the methyl methacrylate synthesis, material GOLD was to look

MEMO SAC

7/10/50

up in the library, and GOLD's instructions to people in the laboratory relative to experiments. GOLD also stated that there are a list of material to be ordered in connection with the STANTON job, patent numbers, and notes on the diol synthesis.

One piece of paper, which is marked "#1" in red by the writer, has, among other notations, the following: "Rochester and Buffab - Lincoln Terr. - Kelly Mem. - Avenue S and E. 14 - SO 8-2300 - CL 3-4600 - BR 3-8604." GOLD stated that he thought these notations were in the handwriting of SY SILVERSTEIN, who was employed by BROTHMAN, and he thought that these notes identified firms or individuals from whom material and chemicals were ordered by the BROTHMAN firm.

EXHIBIT 65-4307-1B-13 (1) (Exhibit 12M)

On the same date GOLD identified the three pages of notes in this folder as being notes he took on 3/10/48 while he was conducting an experiment in the laboratory of the OZONE PROCESSES COMPANY in Philadelphia, on the dimethyl hexine diol process. GOLD said that this was in connection with the experiments to determine if the BROTHMAN firm had use for an exomizer.

EXHIBIT 65-4307-1B-13 (1) (Exhibit 12N)

On the same date GOLD examined the material in the instant folder and stated that with the exception of the group dated 4/9/46, the material consisted of his own calculations and BILL ROHOLL's notes on processes being worked on by the BROTHMAN laboratory.

Relative to the material dated 4/9/46 and marked "#1" in red by the writer, GOLD said that this material was in the handwriting of BILL ROHOLL and concerned the work on a production process of pentaethyl tetranitrate. GOLD said that this was an explosive which BROTHMAN made in his laboratory and which BROTHMAN commenced working on prior to the time that GOLD entered the employ of BROTHMAN. GOLD said BROTHMAN was working on this production of "PETN." (pentaethyl tetranitrate) so that it could be made in a plant in Palestine with the same equipment used in IOT, on which BROTHMAN was also working. GOLD said that BROTHMAN told him that the idea was to build plants in Palestine which produce a peacetime product such as IOT, but which could also be used to immediately produce a wartime product such as "PETN."

GOLD said that BROTHMAN was involved in this work of designing plants which would have a dual purpose, as described above, with an individual by the name of ELIA BRILLIT and a man by the name of SLOMAN. GOLD said he thought that it was for this purpose that the PALESTINIAN POTASH COMPANY was formed.

MEMO, SAC

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GOLD said that BROTHMAN had a quarrel with SIOVAN in about August of 1946 and told SIOVAN that he was too busy on other work to continue his work with SIOVAN and SHALLIT.

EXHIBIT 65-4307-1B-13 (1) (Exhibit 120)

On the same date GOLD examined the material in this folder, at which time he stated that this appeared to be notes of ROLFE WOLLAN in connection with the work on the molding of methyl methacrylate, which work, as shown by these notes, was done prior to the time GOLD was employed by the BROTHMAN firm. GOLD said that some of the notes are in BROTHMAN's handwriting.

EXHIBIT 65-4307-1B-13 (1) (Exhibit 12P)

On the same date GOLD identified all of the material in the above folder as being his own notes in connection with work on chlorine products for the METTUR CHEMICAL COMPANY, and notes dated 4/3/47 in connection with the work on a new vanishing cream on which the BROTHMAN firm was working for JULIAN BRODIE.

EXHIBIT 65-4307-1B-13 (1) (Exhibit 12R)

On the same date GOLD identified all the notes in this folder as being in his handwriting and pertaining to work on solvents. GOLD stated there was a possibility that these might be notes of his when tutoring someone in chemistry at one of his places of employment, either PENNSYLVANIA SUGAR or ABRAHAM BROTHMAN.

EXHIBIT 65-4307-1B-13 (1) (Exhibit 12S)

On the same date this folder, which was entitled "Notes from DOC," in GOLD's handprinting, was shown to him, at which time GOLD stated that the material consisted of notes of Dr. GUSTAV REICH, who was GOLD's superior at the PENNSYLVANIA SUGAR COMPANY. GOLD said there were also some notes in the handwriting of himself and MORRELL E. DOUGHERTY on their work at the PENNSYLVANIA SUGAR COMPANY.

EXHIBIT 65-4307-1B-13 (1) (Exhibit 12T)

On the same date the above folder, labelled in GOLD's handprinting, "CO 2 Recovery," was shown to GOLD, at which time he stated that all of this material consisted of notes, etc. he had made in connection with work for Dr. REICH at PENNSYLVANIA SUGAR in 1941, on Dr. REICH's CO 2 recovery process. GOLD stated that he also saw some of Dr. REICH's handwriting in the material and, further, that some of the work was done in 1938.

MEMO, SAC

7/10/50

EXHIBIT 65-4307-1B-13 (1) (Exhibit 12U)

On the same date GOLD examined the material in the above folder, at which time he said that the white pieces of paper contain his handwriting and are concerned with his work for Dr. REICH on the CO 2 recovery process. GOLD stated that his handwritten notes on the yellow pieces of paper are his tutoring notes in organic chemistry.

Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC, Philadelphia

FROM : SA T. SCOTT MILLER, JR.

SUBJECT: HARRY GOLD, was.
ESPIONAGE - R

DATE: 7/20/50

EXHIBIT 65-4307-1B-13 (5) (Exhibit 16)

On 6/25/50, GOLD examined the above exhibit and stated that this photostat was in connection with one of BROTHMAN's processes and that this photostat had been secured from the New York City Public Library.

EXHIBIT 65-4307-1B-13 (5) (Exhibit 17)

On the same date GOLD examined the above photostat and stated that this was another patent which had been photostated at the New York City Public Library and that this patent referred to styrene, but its use in connection with plastics rather than the Buna S. process. This patent had been photostated in connection with work being done by the BROTHMAN laboratory.

TSM:HMF
65-4307

cc: 65-4307

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65-4307-780

Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC

DATE: June 7, 1950

FROM : SA WILLIAM A. HUGHES

SUBJECT: HARRY GOLD, was.,
ESPIONAGE - RANALYSIS OF GOLD RESIDENCE SEARCH MATERIAL

Exhibit #65-4307-1-B-5 (50).

Re search memorandum of SA ELWOOD A. PETT, dated 6-5-50, page 6.

Description: This item is a paper-bound booklet entitled "Achievement, TSC," which is the September 1937 Tri-State College Bulletin, issued by Tri-State College, Angola, Indiana.

Lead: HARRY GOLD should be questioned regarding the significance of this item.

WEH:as

65-4307

65-4307-781

Jensen
P.S. Miller

Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC

DATE: June 7, 1950

FROM : SA WILLIAM H. NAYLOR

SUBJECT: HARRY GOLD was.
ESPIONAGE - R

GOLD RESIDENCE SEARCH MATERIAL

EXHIBIT: 65-4307-1-B-5 (57)

REFERENCE: Memo, June 5, 1950, Page 7

DESCRIPTION: The March, 1936 issue of magazine entitled
"Health and Hygiene."

POSSIBLE LEADS: There are no markings on this magazine except
that a portion of the front page has been
cut away by using some instrument such as a
razor blade. GOLD should be questioned
regarding the reason that this book was
cut in such a manner.

WHN/kob
65-4307

65-4307-782

June 24, 1950
H.S. Allen

Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC
 FROM : SA William H. Naylor
 SUBJECT: HARRY GOLD, was;
 ESPIONAGE - R

DATE: June 7, 1950

GOLD RESIDENCE SEARCH MATERIAL

Exhibit: 65-4307-1-B-5(55)
 Reference: Search Memo, June 5, 1950, Page 7
 Description: October 20, 1935 issue of magazine entitled, "Industrial and Engineering Chemistry."
 Possible Leads: The front cover of this publication bears considerable markings which appear to be in the nature of doodling and also bears the words, "Cido," "Cio," "Kapp" and "Negus."

GOLD should be questioned as to the nature and meaning of the above names or writings.

WIN/jfm
 65-4307

65-4307-783

Jensen
 W.S. Miller

Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC

FROM : WILLIAM E. HUGHES, SA

SUBJECT: HARRY GOLD, WAS.
ESPIONAGE - R

DATE: June 7, 1950

ANALYSIS OF GOLD RESIDENCE SEARCH MATERIAL

Exhibit #65-4307-1B-5 (12)

Re search memo of SA (A) ELWOOD A. PETT 6-5-50, page 4.

DESCRIPTION:

Four sheets, which are photostatic copies of pages printed in German. Review of the material by Translator ZOE LYON indicates the following is the sense of each of these four pages:

Page 772—"The Amadori Re-arrangement"—KUHNS, WEYGAND. Volume 70. This article deals with chemical reactions of toluidine of glucoside, toluidine of mannoside, and toluidine of mannoside.

Page 1258—"Enkvist," Volume 73. This page, in the second paragraph, deals with "the validity of the Langenbeck rules." This is followed by a statement that W. LANGENBECK recently (1940) established special rules regarding the effect of substitutes in organic catalyzers. Material presented shows deviations from these rules, and three examples of deviation are given.

Page 1289—ZWECKER 258. OSKAR ZWECKER: "The spatial impediment, a means of analysis of inner molecular forces." This page contains a discussion of A. WERNER's thesis that "the stereochemical (translator's note—the science of spacial relation of atoms to a molecule) development must finally make it possible to set all formulas of structure into space so that the space formulas permit in every individual case the reading off of the dependence of the properties on this arrangement." Some of the objections to the theory of V. MEYER are given.

Page 1764—KLEMENT, REUBER "on Ester of sulpho acids" (I), Volume 68. This page deals with sulphantimonious acids—benzyl ester, sulphantimonious acids—tolyl ester.

WEH:MEMCO
65-4307

65-4307-784

Jensen
P.S. Miller

MEMO SAC

6/7/50

LEAD:

It is suggested that these four pages be discussed with HARRY GOLD to determine whether this exhibit has any connection with instant investigation.

SAC

June 7, 1950

SA WILLIAM E. HUGHES

HARRY GOLD, was.
ESPIONAGE - R

ANALYSIS OF GOLD RESIDENCE SEARCH MATERIAL

Exhibit #65-4307-1-D-5 (24).

Re search memorandum of SA ELWOOD A. PETT, dated 6-5-50, page 3.

Description: Two paper matchbook covers advertising Reliance Coffee put out by the RELIANCE PURE FOODS, Seattle, Washington.

Lead: HARRY GOLD should be questioned regarding the method by which these matchbook covers were obtained to determine whether he was in Seattle, Washington, at any time.

WEH:as
65-4307

65-4307-785

Office Memorandum • UNITED STATES GOVERNMENT

DATE: June 7, 1950

TO : SAC

FROM : SA WILLIAM E. HUGHES

SUBJECT: HARRY GOLD, was.
ESPIONAGE - R

ANALYSIS OF GOLD RESIDENCE SEARCH MATERIAL

Exhibit #65-4307-1-B-5 (24).

Re search memorandum of SA ELWOOD A. PETT, dated 6-5-50, page 3.

Description: Two paper matchbook covers advertising Reliance Coffee put out by the RELIANCE PURE FOODS, Seattle, Washington.

Lead: HARRY GOLD should be questioned regarding the method by which these matchbook covers were obtained to determine whether he was in Seattle, Washington, at any time.

WEH:as
65-4307

65-4307-785

James [initials]
F.S. Miller [initials]

Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC

DATE: June 7, 1950

FROM : SA William H. Naylor

SUBJECT: HARRY GOLD, was;
ESPIONAGE - RGOLD RESIDENCE SEARCH MATERIAL

Exhibit: 65-4307-1-B-5(21)

Reference: Search Memo, June 5, 1950, Page 13

Description: A paper bound book entitled, "Notes From the Gallows" by JULIUS FUCHIK; published by the New Century Publishers, Incorporated, copyrighted 1948.

Possible Leads: Obtain information from HARRY GOLD as to purpose for having book and whom he obtained it from.

WHN/jfm
65-4307

65-4307-286

RECEIVED
JUN 8 1950Jensen
T. S. Miller

Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC

FROM : SA William H. Naylor

SUBJECT: HARRY GOLD, was;
ESPIONAGE - R

DATE: June 7, 1950

GOLD RESIDENCE SEARCH MATERIAL

Exhibit: 65-1307-1-B-5(20)

Reference: Search Memo, June 5, 1950, Page 13

Description: A paper bound book entitled, "The Twilight of World Capitalism" by WILLIAM Z. FOSTER; published by the International Publishers Company, copyrighted 1949.

Possible Leads: Obtain information from HARRY GOLD as to purpose for having book and from whom he obtained it.

WHD:jfm
65-1307

65-9307-1000
FBI - PHILADELPHIAJensen
T. S. Miller for

Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC

FROM : SA WILLIAM E. HUGHES

SUBJECT: HARRY GOLD, was.,
ESPIONAGE - R

DATE: June 7, 1950

ANALYSIS OF GOLD RESIDENCE SEARCH MATERIAL

Description: A celluloid picture in color of subject HARRY GOLD working with chemical instruments. On the reverse side is the statement:

"This is a Kodachrome print made by Eastman-Kodak Company, T.M.Reg. U. S. Pat. Off., June 10, 1949," indicating it must have been a recent picture.

Lead: None.

Exhibit
65-4307-1B5(22)

WEH:as
65-4307

65-4307-788

Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC

DATE: June 7, 1950

FROM : SA William H. Naylor

SUBJECT: HARRY GOLD, was;
ESPIONAGE - RGOLD RESIDENCE SEARCH MATERIAL

Exhibit: 65-4307-1-B-5(6)

Reference: Search Memo, June 5, 1950, Page 13

Description: A copy of the newspaper "The Worker" dated March 7, 1943.

Possible Leads: No apparent leads.

WHR/jfm
65-4307

65-4307-789

PHILADELPHIA

Jensen
G. S. Miller

Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC

DATE: June 7, 1950

FROM : SA WILLIAM E. HUGHES

SUBJECT: HARRY GOLD, was.,
ESPIONAGE - RANALYSIS OF GOLD RESIDENCE SEARCH MATERIAL

Exhibit #65-4307-1-B-5 (54).

Re search memorandum of SA ELWOOD A. PETT, dated 6-5-50, page 6.

Description: This item is an empty envelope bearing the printed return address "Selective Service, Official Business," and addressed to "Local Board #65, 5th Street and Wyoming Avenue, Philadelphia, Pa."

Lead: No lead suggested.

WEH:as

65-4307

65-4307-770

Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC

FROM : SA WILLIAM E. HUGHES

SUBJECT: HARRY GOLD, was.,
ESPIONAGE - R

DATE: June 7, 1950

ANALYSIS OF GOLD RESIDENCE SEARCH MATERIAL

Exhibit #65-4307-1-B-5 (51).

Re search memorandum of SA ELWOOD A. PETT, dated 6-5-50, page 6.

Description: This item is a magazine entitled "Food Industries", issued by the MCGRAW-HILL PUBLISHING COMPANY, INC., in March 1940. The table of contents has the following items checked off in pencil, possibly indicating GOLD was interested in only those items. They are as follows:

- "Time Control in High Temperature Pasteurizers,"
- "Causes of Cheesy Butter,"
- "How One Sugar Compares with Another,"
- and "Short Time Pasteurization as it Looks to the Milk Plant Operator - Part 2."

Lead: It is not believed that this item is significant inasmuch as no handwritten notations are contained in the magazine and it is normal that an industrial chemist working on foods would be interested in the items checked. No lead suggested.

WEH:as
65-4307

65-4307-791

Hm

Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC

FROM : SA WILLIAM E. HUGHES

SUBJECT: HARRY GOLD, was.,
ESPIONAGE - R

DATE: June 7, 1950

ANALYSIS OF GOLD RESIDENCE SEARCH MATERIAL

Exhibit #65-4307-1-B-5 (38).

Re search memorandum of SA ELWOOD A. PETT, dated 6-4-50, page 10.

Description: This is a paper-bound book entitled "Ten Years of the Communist International," by I. KOMOR. It was published in March, 1929, by Workers' Library Publishers, 35 E. 12th Street, New York. There are no handwritten notations or loose papers in this book. It is merely confirmation of the ideological beliefs of HARRY GOLD.

Lead: None.

WEH:as

65-4307

65-4307-792

Jensen
T.S. Miller from

Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC

FROM : SA WILLIAM H. NAYLOR

SUBJECT: HARRY GOLD was.
ESPIONAGE - R

DATE: June 7, 1950

GOLD RESIDENCE SEARCH MATERIAL

EXHIBIT: 65-4307-1-B-5 (62)

REFERENCE: Memo, June 5, 1950, Page 7

DESCRIPTION: A pamphlet captioned "The Late Summer 1932 Directory Issue of the Catalyst" covering pages 121 through 144. Page 126 reflects a listing for HARRY GOLD, 2450 S. Phillip Street, Philadelphia.

POSSIBLE LEADS: Page 133 reflects a pencil check mark alongside the name WILLIAM B. LEIGHNINGER, B-10, Wissahickon Apartments, 5225 Schuyler Street, Germantown, Philadelphia. GOLD should be questioned as to why this name was identified by a pencil mark, the identity of LEIGHNINGER, and the nature of GOLD's association with him.

WHN/kob
65-4307

Rec 10

65-4307-74

James
F.S. Hilde *NB*

Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC

FROM : SA WILLIAM E. HUGHES

SUBJECT: HARRY GOLD, was.,
ESPIONAGE - R

DATE: June 7, 1950

ANALYSIS OF GOLD RESIDENCE SEARCH MATERIAL

Exhibit #65-4307-1-B-5 (58 & 59).

Re search memorandum of SA ELWOOD A. PETT, dated 6-5-50, page 7.

Description: This exhibit should be only one exhibit rather than two. It is a report on the Dust Removal Efficiency of Schneible Multi-Wash Dust Collector, prepared by the Department of Engineering Research, University of Michigan, Ann Arbor, for the CLAUDE B. SCHNEIBLE COMPANY, Chicago, Ill., July - December 1936.

Lead:

HARRY GOLD should be questioned as to the significance of this item. This item also contains the rubber-stamped name and address of C. C. HERMAN, 7311 North 20th Street, Oak Lane, Phila., Pa., and GOLD should be questioned regarding this person's name.

WEH:as
65-4307

General 6-19-50

65-4307-75

James H. S. Miller

Office Memorandum • UNITED STATES GOVERNMENT

DATE: July 17, 1950

TO : SAC
 FROM : SA T. Scott Miller, Jr.
 SUBJECT: HARRY GOLD, wa
 ESPIONAGE - R

EXHIBIT NO. 65-4307-1B5 (24)

On July 12, 1950, the above exhibit, consisting of two books of matches advertising Reliance Coffee of Seattle, Washington, was shown to GOLD who advised that he had no idea where he obtained these books of matches.

Attention is called to the fact that, on numerous occasions, books of matches are sold or given away in one locality, advertising a firm or a product in an entirely different section of the country, due to cancelled orders placed with the match book company.

EXHIBIT NO. 65-4307-1B5 (62)

On the same date, the above exhibit was shown to GOLD. This is the late Summer Directory Issue, 1932, of "The Catalyst".

GOLD advised that he was a member of the Philadelphia Section of the American Chemical Society and, as such, regularly received copies of "The Catalyst", which is published by the Philadelphia Section of A. C. S.

With reference to the name "WILLIAM A. LEIGHNINGER", which has been checked with pencil on page 133, GOLD advised that he must have been looking for work at this particular time inasmuch as LEIGHNINGER was either a classmate, or in the class ahead of GOLD, at the University of Pennsylvania, and GOLD thought that perhaps LEIGHNINGER might assist him in obtaining employment.

With reference to the torn piece of paper, dated January 20, 1937, in "The Catalyst", GOLD advised that he has no idea what his purpose was in tearing this out.

EXHIBIT NO. 65-4307-1B5 (50)

On the same date, GOLD advised that this booklet, entitled, "Achievement", is actually a catalog for Tri-State College. GOLD stated that he was considering going to Tri-State College because of the manner in which they conduct their courses. He explained that the students there take two subjects

TSM:ado
 65-4307

65-4307-797
 PHILADELPHIA
 JUL 20 1950
 ry

MEMO, SAC
HARRY GOLD, wa
ESPIONAGE - R
Page #2

July 17, 1950

for a period of six or seven weeks and at the end of such time they are given credit for both courses. In the event a student does not have sufficient funds to continue on, he may drop out at that time but still maintain his credit for the two courses completed. GOLD stated that this college is located in Angola, Indiana.

EXHIBIT NO. 65-4307-1B5 (6)

This March 7, 1943 Edition of "The Worker" was shown to GOLD on the same date. GOLD advised that he very rarely purchased "The Worker" and has no idea why he purchased the instant copy or why he retained it.

EXHIBIT NO. 65-4307-1B5 (54)

This exhibit was shown to GOLD on the same day and consists merely of a franked envelope of Local Draft Board No. 65, Philadelphia, Pa. GOLD said that this LDB was his Draft Board in Philadelphia.

EXHIBIT NO. 65-4307-1B5 (60)

This June--July, 1933 issue of "The Catalyst" was shown to GOLD on the same date.

The cut out portion of page 103-104 was shown to GOLD. He said that he noted that the remaining portion of the page dealt with Cane Sugar Hydrolysis, which subject he was interested in because of his work for the Pennsylvania Sugar Company.

EXHIBIT NO. 65-4307-1B5 (22) ✓

This Kodachrome picture of HARRY GOLD was shown to him, at which time he said that it was taken at the Philadelphia General Hospital by TED KRAUSE, who was an interne at the hospital at the time and is presently in the United States Navy.

EXHIBIT NO. 65-4307-1B5 (38)

On the same day, this book, entitled "Ten Years of the Communist International", by I. KOMOR, was shown to GOLD. GOLD said that he believed that he obtained this book while he was working for the Holbrook Company in Jersey City, N. J. He said that while THOMAS L. BLACK was trying to get GOLD interested in the Communist Party, BLACK sent GOLD to The Workers' School, on 13th Street in Manhattan, New York, suggesting that he enroll for some courses there. GOLD stated that he went there and recalled that it was located near the Communist

MEMO, SAC
HARRY GOLD, wa
ESPIONAGE - R
Page #3

July 17, 1950

Party building in New York City. He stated that he made inquiry about enrolling in courses but the people he talked with were very leary of him and did not seem too enthusiastic about his interest.

GOLD stated that he either picked this book up at a small book shop next to the school or else TOM BLACK had given it to him.

GOLD stated that he never returned to The Workers School.

EXHIBIT NO. 65-4307-1B5 (3)

On the same day, this letter from Private WILLIAM J. MURPHY to GOLD, in 1942, was shown to GOLD, at which time he read it. GOLD explained, with reference to MURPHY's payment of money, MURPHY had borrowed money from the Corn Exchange Bank in Philadelphia prior to the time he had gone into the United States Army. GOLD said that he had gone on MURPHY's note and since the time for the payment of the note had presumably gone by, MURPHY was making an explanation. GOLD stated that he was never obliged to pay this note for MURPHY inasmuch as the payment date on the note was postponed because of the fact that MURPHY was at that time in the Armed Forces.

GOLD's relationship with MURPHY has been explained in another memorandum.

EXHIBIT NO. 65-4307-1B5 (57)

On the same date, GOLD stated that this March, 1936 copy of "Health and Hygiene", which is a Communist publication, had probably been given to him by JOSEPH BRODSKY, wa JACK BRUIN, while the two were attending Drexel Institute, in Philadelphia, in 1936.

EXHIBIT NO. 65-4307-1B5 (51)

On the same date, GOLD was shown the March, 1940 issue of "Food Industries", at which time he stated that he had formerly subscribed to this publication, which is a legitimate one.

EXHIBIT NO. 65-4307-1B5 (20)

On the same date, GOLD advised that this copy of WILLIAM Z. FOSTER's book, "The Twilight of World Capitalism" had been given to him by JOSEPH BRODSKY some time in 1950.

MEMO, SAC
HARRY GOLD, wa
ESPIONAGE - R
Page 74

July 17, 1950

EXHIBIT NO. 65-4307-1B5 (21)

On the same date, GOLD advised that the book, "Notes from the Gallows", by JULIUS FUCHIK, had been given to him by BRODSKY.

RECORD OF INFORMATION FURNISHED OTHER AGENCIES

Orally 5/8/63 By Telephone Written Communication
date date date

Information concerning:

DR. ARTHUR COLTMAN
1301 Robbins Street
Philadelphia, Pa.

Information furnished from File, Serial, and Page Number:

65-4307-682

683

802, page 2

Information furnished was obtained:

☐ during course of Bureau investigation☒ from informants☐ from complainants or other sources

Information furnished to:

Investigator JOHN CARROLL, CSC

Remarks:

No investigation FBI, Philadelphia. Furnished him background data concerning association with HARRY GOLD. No indication COLTMAN engaged in subversive activities.

① 65-4307-683

JMS:jag

(1)

Special Agent

b7c

FILE

DESCRIPTION

PHILADELPHIA

FILE

SUBJECT Gold, HARRY

FILE NO. 65-4307

VOLUME NO. 14

SERIALS 798

thru

807

NOTICE

THE BEST COPIES OBTAINABLE ARE INCLUDED IN THE REPRODUCTION OF THE FILE. PAGES INCLUDED THAT ARE BLURRED, LIGHT OR OTHERWISE DIFFICULT TO READ ARE THE RESULT OF THE CONDITION AND OR COLOR OF THE ORIGINALS PROVIDED. THESE ARE THE BEST COPIES AVAILABLE.

File No 65-9307

Re: Harry Gold

Date

(month/year)

Serial	Date	Description (Type of communication, to, from)	No. of Pages		Exemptions used or, to whom referred (Identify statute if (b)(3) cited)
			Actual	Released	
798	6-5-50	Memo from SA Pett to SAC	16	16	
799	6-16-50	Memo from SA Burgess to SAC	20	20	
800	6-13-50	Memo from SA Madala to SAC	2	2	
801	6-12-50	Memo from SA Berkeley to SAC	23	23	
802	6-13-50	Memo from SE Porter to SAC	12	12	
803	6-15-50	Memo from SE Porter to SAC	24	0	Referred to two other Gov't Agencies
804	6-7-50	Memo from SA Price to SAC	2	2	
804A	10-10-60	Letter from other govt agency Record of information furnished other govt agency	1	0	refer Another Gov't Agency
804	10-12-60		1	1	
805	7-13-50	Memo from SA Brunner to SAC	1	1	
806	6-7-50	Memo from SA Price to SAC	6	6	
807	7-13-50	Memo from SA Brunner to SAC	1	1	



U. S. Department of Justice

(MATERIAL MUST NOT BE REMOVED FROM OR ADDED TO THIS FILE)

FEDERAL BUREAU

of

INVESTIGATION

65-4307
Section 14

Section 14
Serials 798 to 807
See Section 15

Serials 798 to 807

See Sub A for
Newspaper Clippings

- See also Nos.
- 65-4296
 - 65-4318
 - 65-4333
 - 65-4331
 - 65-4335
 - 65-4336

Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC

FROM : ELWOOD A. PETT, Special Agent

SUBJECT: HARRY GOLD, was. etal
ESPIONAGE - R

DATE: June 5, 1950

RE: SEARCH OF RESIDENCE AT
6823 Kindred Street
Philadelphia, Pennsylvania

On June 2, 1950, SAS THOMAS F. CARRIG and ELWOOD A. PETT began the search of the residence at 6823 Kindred Street, Philadelphia, Pa., at 3:00 PM. At this time JOSEPH GOLD signed the Waiver of Search. The Agents commenced the search in HARRY GOLD's bedroom in the southwest corner of the house on the second floor. The search was continued until 6:30 P.M. on that date.

On the following day, June 3, 1950, the above Agents, accompanied by SAS JOHN E. GALLIVAN, ROBERT E. MASTERS, FRED C. BIRKBY, and FORREST F. BURGESS, continued the search in HARRY GOLD's bedroom, arriving at the residence at 9:50 A.M.

SAS MASTERS and GALLIVAN conducted the search of the garage and after completing the garage, searched the drawers on the lefthand side of the desk in HARRY GOLD's room. SAS FRED C. BIRKBY and FORREST F. BURGESS conducted the search on the first floor of the house and the basement. After finishing the first floor and the basement, SA BIRKBY conducted the search of JOSEPH GOLD's bedroom which is on the southeast corner of the house. Both SAS BIRKBY and BURGESS conducted the search of the father's bedroom on the north of the house. SA BIRKBY conducted a search of the bathroom on the second floor. SA BIRKBY searched the center drawer and also the right hand bottom drawer of HARRY GOLD's desk in HARRY GOLD's bedroom. The rest of the room was searched by SAS THOMAS F. CARRIG and ELWOOD A. PETT, as will be indicated in more detail in this memorandum. The search was completed at 6:00 P.M. on June 3, 1950.

At this time Mr. JOSEPH GOLD signed an identified list of 69 items which were taken as a result of the search.

The following items were found by SA PETT in HARRY GOLD's room:

EAP:TFC;JEG:VFH

65-4307

65-4307-798₂

Jensen
H. Miller

MEMO, SAC
June 5, 1950

*Penma
Hugan*

From a cabinet in the southwest corner of HARRY GOLD's room, the writer located an envelope entitled "Re - Org. 3-29-46 Dr. REICH's stuff". In this envelope was a green "oxford jacket" entitled "Potash", which contained a paper appearing to be from a letter typewritten in German, starting "(98/100%) Die Doch Wohl - - -", which was signed B. HEILER. This item was found on the afternoon of June 2, 1950. (Identified as #22 on the Inventory List).

al Slack

On June 3, 1950, SA PETT found the following items in a three section bookcase on the west wall of HARRY GOLD's room, which bookcase is adjacent to the cabinet previously mentioned, in the southwest corner. From the top section of this bookcase SA PETT located a pocket book entitled "Microbe Hunters". In the inside cover of this book was a price sticker from "SIBLEY, LINDSAY, and CARR CO." This book was taken because of the above sticker and is identified as Item #23 on the Inventory List.

*Lead
in Item #26*
al Slack

From the bottom section of this bookcase the writer found a green book entitled "Elements of the Differential and Integral Calculus". In the inside cover of this book SA PETT found a Reading Railroad ticket on which envelope was a handwritten notation regarding Private WILLIAM J. MURPHY. In the inside of the envelope was found a smaller envelope with two unused tickets to the Forrest Theatre, January 30, 1943, and two Pullman stubs, one from Philadelphia to Rochester and another from Rochester to Philadelphia. One of these stubs was dated December 26, 1942. The book was not taken. The Reading Railroad ticket envelope is identified as #26 on the Inventory List.

al Slack

Also on the bottom section of the above bookcase, SA PETT found a book entitled "FROM DOUBLE EAGLE TO RED FLAG" by KRASSNOFF. The name written on the inside of this book is "A.D. SLACK 1935", which was the reason for taking this book. It is identified as Item #18 in the Inventory List.

The writer also searched the bottom section of another three section bookcase which was adjacent to the previous bookcase on the west wall of HARRY GOLD's room.

MEMO, SAC
June 5, 1950

ask him { On the bottom section of the bookcase in a cardboard box, SA PETT found a card entitled "ANTON B. TOKARSKI RESTAURANT, 41-23 29th St., Long Island City, N.Y., telephone Stillwell 4-9623, Res. Phone Ravenswood 6-2833". This card is identified as #25 on the Inventory List.

ask him { In another cardboard box in the bottom section of this bookcase, SA PETT found two matchbook covers for Reliance Coffee from Seattle, Wash. These are identified as #24 on the Inventory List.

ask { From items on the top of HARRY GOLD's desk in his room, SA PETT found notes on a portion of a paper towel setting forth the name of Dr. E. E. MEYERS and other miscellaneous notes. This paper is identified as #9 on the Inventory List.

ask { On the top of this desk, SA PETT also found a paper with several handwritten notes starting at the top, "All rnd Department" with the name Mr. THEODORE KAPALA, etc. This is identified as Item #8 on the Inventory List.

ask In an envelope on the top of HARRY GOLD's desk, SA PETT found a letter addressed to HARRY GOLD from THEO. B. KROUSE (Lt. JG) postmarked August 22, 1949. This letter was identified as Item #11 on the Inventory List.

ask In the same envelope on the top of HARRY GOLD's desk, PETT also found a card with the name Dr. E. L. BECKMAN, etc. This paper card is identified as Item #10 on the Inventory List.

The following items were obtained by SA THOMAS F. CARRIG:

Examine { From the top of a three section bookcase on the west wall nearest the window in HARRY GOLD's room, there was found one 1947 pocket diary book containing handwritten notes on the Special Data Section of the diary. This item is identified as #27 on the Inventory List.

MEMO, SAC
June 5, 1950

Items Obtained from Middle Section of Bookcase on West Wall
nearest HARRY GOLD's desk in HARRY GOLD's Room

Starcher
A piece of note paper containing the name PAUL STARCHER and background information concerning STARCHER. This piece of paper was found with other miscellaneous papers, loose. This item is identified as #13 on the Inventory List.

Bowen
A postcard bearing a machine printed name Dr. JAMES K. STEWART, Sherwin-Williams Co., 115th St. and Cottage Grove Ave., Chicago, 28, Ill. The name J. H. BOWEN, JR., 430 Addison Ave., Westmont, Collingswood 2216-R also appears on the face of this card. On the other side of this card the name JOSEPH H. BOWEN, 655 Colombia Ave., Darby 2843 appears. This is Item #16 on the Inventory List.

*Daughter
or Clerk*
A letter dated May 24, 1946 from DOC to HARRY was found loose. This is Item #14 on the Inventory List.

ask him
A United Airlines timetable, effective April 28, 1946 was found loose. This timetable contains information for flights going East, West, North and South. This is Item #15 on the Inventory List.

Four photostats in German language found in a notebook of J. GOLD, contents of booklet concerned with radio sound, etc. This is Item #12 on the Inventory list.

Four photostats in German language found loose. This is Item #28 on the Inventory List.

Bowen
One manila envelope marked "Re - Org. 3-29-46 J. H. BOWEN'S Job". This envelope contained an application for Federal employment for a position of Chemist at the U. S. Naval Base, Philadelphia, executed by HARRY GOLD;

3 x 5 index card containing the name FISH-SCHURMAN CORP., 230 East 45th St., New York - 17 - N.Y. "Falling ball Viscosimeter" Hoeppler Viscosity of gases;

MEMO, SAC
June 5, 1950

A letter dated May 3, 1948, addressed to Mrs. L.S. CAMPBELL, Drexel Institute, Philadelphia, by PARK R. KOLBE. This letter was contained in an envelope which was addressed to Mr. HARRY GOLD of 5032 North Boudinot St., Philadelphia, postmarked May 3, 1938 at Philadelphia, Pa.;

ask Two sheets of note paper re "Routine Analytical Work in Sugar Refinery";

Three small sheets of note paper containing what appears to be references and two names and addresses. The names are NIXON TURCO, 401 North Broad, telephone Wal 6789, and JIM SATTO, 2650 Sterner St. (27th and Lehigh).

These Items are #17 on the Inventory List.

The following item was found on the top of HARRY GOLD's desk in his bedroom:

ask One envelope postmarked October 4, 1949 at Boston, Mass., addressed to Mr. HARRY GOLD. No contents were contained therein. This is Item #7 on the Inventory List. *maybe this is the one 89*

The following items were obtained from the upper right-hand drawer rear, of HARRY GOLD's desk, located in his bedroom.

ask 37 3x5 index cards containing names and addresses and other miscellaneous information. This is Item #66 on the Inventory List.

A letter without an envelope to HARRY from MARION, dated October 27, 1943.

ask 3 { A pamphlet entitled "Tales Told In The Longhouse" distributed by the CARBORUNDUM CO., Niagara Falls, New York. This is Item #68 on the Inventory List.

Twelve business cards and papers containing names and addresses found loose. These cards and papers were placed in an envelope and identified as Item #69 in the Inventory List.

MEMO, SAC
June 5, 1950

The following items were discovered by SAS JOHN E. GALLIVAN and ROBERT E. MASTERS during a search of the garage of the subject's home, on June 3, 1950. There is no immediate significance to any of the following items and they were taken for the purpose of questioning GOLD concerning their possible significance. These items are listed as Items #46 through 65 in the composite list of items taken from GOLD's residence on June 3, 1950 signed by JOSEPH GOLD and witnessed by SA ELWOOD A. PETT.

Purse calendar containing 3 x 5 white paper.
(Item #46 on Inventory List).

Envelope postmarked Far Rockaway, dated July 23, 1931, from COLTMAN. (Item #47 on Inventory List).

Looseleaf spiral notebook of the University of Pennsylvania, bearing the name SROKIN. (Item #48 on Inventory List).

Simmons
Chemical Equipment Preview magazine, dated July, 1942, containing pencilled name ART SIMMERS on the cover. (This is Item #49 on the Inventory List).

Tri-State College Bulletin, September 1937, Volume 54, #3. (Item #50 on Inventory List).

Magazine "Food Industries", March 1940.
(Item #51 on Inventory List).

One white paper containing pencilled notes, including the words "False Bottom". (Item #52 on Inventory List).

One yellow sheet containing names and addresses.

One yellow sheet containing names and addresses.
(Above three items are all #53 on Inventory List).

Selective Service red envelope from Local Board #65, Philadelphia. (Item #54 on Inventory list).

MEMO, SAC
June 5, 1950

Magazine "Industrial Engineering Chemistry",
Volume #27, #35. (This is Item #55 on Inventory List).

One Jewish language magazine bearing the English
word "Future", dated February 1916. (Item #56 on Inventory List).

One magazine "Health and Hygiene", March 1946.
(Item #57 on Inventory List).

Magazine, "Department of Engineering Research".
(Item #58 on Inventory List).

University of Michigan Bulletin, December 1936.
(Item #59 on Inventory List).

Pamphlet, "Catalyst, Volume 18, #6, June-July 1933".
(Item #60 on Inventory List).

A pamphlet "Catalyst", no volume, October 1933.
(Item #61 on Inventory List).

A pamphlet, "Catalyst", Volume 17, #7, 1932.
(Item #62 on Inventory List).

The following items were obtained from the second drawer down
on the lefthand side of the desk located in HARRY GOLD's room:

Little red book for the year 1948.
(Item #63 on Inventory list).

A postcard from M. RABACCHI, postmarked 4-14-49.
(Item #64 on Inventory List).

Business card of A. F. BYRON.
(Item #65 on Inventory List).

MEMO, SAC
June 5, 1950
FFB:MLL

On June 3, 1950, the following exhibits, designated on the inventory list as Exhibits 30 through 44, were found by SA FORREST F. BURGESS in the residence of HARRY GOLD, 6823 Kindred Street, Philadelphia, Pa. SA FRED C. BIRKBY observed the location of these exhibits by SA FORREST F. BURGESS:

In the lower left side of the buffet located in the extreme rear of the dining room were found in a black pocketbook, identified by JOSEPH GOLD as the pocketbook of his deceased mother, MRS. CELIA GOLD, two slips of paper. On one of these slips of paper was the name of MRS. SARAH PECKER, 2301 West North Avenue, Baltimore, Maryland, LA 5214. This exhibit is identified on the inventory list as Exhibit No. 30. The second piece of paper located in MRS. CELIA GOLD'S pocketbook contained the name S. N. SNYDER, 1701 Moreland Avenue 16, MAD 2230. This exhibit is identified on the inventory list as Exhibit No. 31.

On the third shelf of a wooden cabinet located in the front of the basement of these premises was a letter dated Sunday, February 1, 1948, addressed Dear Harry, and signed, Ed. This letter indicated the return therewith of a check drawn to the Order of Harry in the sum of \$45 and that Ed took \$5 over the \$500 to cover the cost of the returned checks. Enclosed was also a note duly cancelled and the three checks. Ed desired that Harry scratch off his endorsements before returning them to BROTHMAN. This exhibit is indicated as Exhibit No. 32 on the inventory list. Enclosed within the above-mentioned letter were three checks dated, respectively, 11/29/47 - \$550; 12/13/47 - \$550; 1/3/48 - \$350. All of these checks were drawn by BROTHMAN on the National City Bank of New York, Long Island City Branch, and were payable to the Order of HARRY GOLD. GOLD endorsed the check dated November 29. He also endorsed the checks dated December 13, 1947 and January 3, 1948. These latter two checks bore a notation over the endorsement of HARRY GOLD, "Pay to the Order of Edward J. Kelly." It would thus appear that the Ed who signed the letter dated February 1, 1948, was EDWARD J. KELLY. These three checks are listed on the inventory list as Exhibit No. 33.

Kelly?

MEMO, SAC
June 5, 1950
FFB:MML

Also found on the third shelf of the above-mentioned cabinet was a letter consisting of four pages dated May 19, 1948, Hotel Schweizerhof, Basel, Switzerland. This letter was addressed to MESSRS. HARRY GOLD and PHILIP LEVINE, c/o A. BROTHMAN AND ASSOCIATES, 8503 57th Avenue, Elmhurst, Long Island, N. Y., U. S. A., and bore the return address "BROTHMAN AND MOSKOWITZ, Hotel Schweizerhof, Basel, Switzerland." It is noted the postmark and stamps were torn from this envelope. In this letter, MIRIAM describes an airplane trip to London, England, and an air trip from London to Basel. In the latter city, they met with a DR. STIRNEMANN and a MR. HAFEN, with whom they discussed science in general and chemistry in particular. HAFEN was the manager of a monomer plant and asked BROTHMAN to design a plant for the monomer. Plans called for them to see a DR. SCHENKER, an appointment with whom had apparently been arranged by one POM. This exhibit is indicated on the inventory list as Exhibit No. 34.

Located on the third shelf of the above-mentioned cabinet was a letter dated May 22, 1948, captioned, "Emergency," addressed to HARRY GOLD and PHILIP LEVINE. This letter reflected a cable had been sent to LEVINE for the attention of LEVINE and GOLD, on May 22, which indicated an opportunity presented itself for the sale of the cyanhydrin process for immediate temporary installation. The cable was signed by ABE. The letter further reflected that the cyanhydrin method for the synthesis of methyl methacrylate monomer was involved. This letter was sixteen pages in length and also contained chemical formulae. It was enclosed in an envelope addressed to MESSRS. HARRY GOLD and PHILIP LEVINE, c/o ABE BROTHMAN AND ASSOCIATES, 8503 57th Avenue, Elmhurst, Long Island, New York. The return address was indicated as MR. A. BROTHMAN, c/o DR. E. STIRNEMANN, Lonza, Elektrizitaetswerke und Chemische Fabriken, Basel, Switzerland. This exhibit is indicated on the inventory list as Exhibit No. 35.

Levine?
Found on the same shelf was a letter addressed, Dear Harry, and signed, Edith, which reflected that Phil had finally located in Boston a good position and they would have the problem of finding living quarters in Boston. The letter further indicated Edith was inviting Harry to dinner on Saturday. The envelope was postmarked

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Flushing, Long Island, N. Y., 10/27/48, bore the return address, LEVINE, 4853 44th Street, Woodside, New York. This exhibit is indicated on the inventory list as Exhibit No. 36.

Located on the same shelf was a typewritten statement which reflected that HARRY GOLD was employed by ABE BROTHMAN as a chemist in May, 1946, at a weekly salary of \$100, but that from May, 1947, to the present, GOLD had only received infrequent payment of salary. This statement was enclosed in a blank envelope of The Newhouse Hotel, Salt Lake City, Utah. This item is indicated on the inventory list as Exhibit No. 37.

*Who was
he there?*

Also located on the same shelf was a booklet entitled, "Ten Years of the Communist International," by I. KOMOR. This item is indicated as Exhibit No. 38 on the inventory list.

ask

On the third shelf was located a note signed, Jean, addressed Dear Harry, dated March 31, 1948, and reading, "Here it is, hope it's enough." This letter was enclosed in an envelope postmarked Philadelphia, Pa., March 31, 1948, and was addressed to HARRY GOLD, c/o ABE BROTHMAN ASSOC., 29-28 41st Ave., Long Island City, N. Y. It bore the return address, 1841 South Alden Street, Philadelphia, Pa. This item will be indicated on the inventory list as Exhibit No. 39.

*Who?
Is it
a letter?*

On this same shelf was located a letter dated February 1, 1948, signed Dorothy and Lil, addressed to Dear Harry. The senders indicated they were trying to find accommodations in California and were in the meantime living in a motel temporarily. They requested that in the event Harry gave up his apartment, they should be given first chance at it should things shape up so that they decide to return east. The letter was addressed HARRY GOLD, 48-53 44th Street, Woodside, Long Island, N. Y. The letter bore the return address, MRS. D. R. GREEN, c/o MRS. CARL BRANT, 2367 West 30th Street, Los Angeles, California. This item will be reflected on the inventory list as Exhibit No. 40.

*Who?
Is it
a letter?*

Located on the same shelf was a letter addressed Dear Harry, and signed Oscar. The sender of the letter inquired as to the subscription rates to Chem Abstracts for members and non-members, and of

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the IEC analytical edition. This letter refers to various employees, past and present, of ABE BROTHMAN. It reflects that OSCAR may bring a suit against ABE BROTHMAN. The letter was enclosed in an envelope postmarked New York, N. Y., June 3, 1948, and bore the return address, OSCAR J. VAGO, 6607 99th Street, Rego Park, Long Island, New York. This item is indicated on the inventory as Exhibit No. 41.

A letter on the University of Connecticut stationery, dated July 30, 1948, addressed Dear Harry and signed, Phil. In this letter, Phil refers to his new position at the University of Connecticut in the Department of Chemistry. It further requests information from Harry as to whether he would take joint action with Phil against ABE BROTHMAN. The letter was contained in an envelope postmarked Storrs, Connecticut, July 30, 1948, and bore the return address, PHILIP LEVINE, University of Connecticut, Storrs, Connecticut. This item is reflected as Exhibit No. 42 on the inventory list.

Located on the same shelf was an envelope postmarked Flushing, New York, September 15, 1948, addressed to HARRY GOLD, 6823 Kindred Street, Philadelphia, Pa., bearing the return address, PHILIP LEVINE, 4853 44th Street, Woodside, New York. It contained four separate documents:- Letter dated 9/13/48, from ROBERT HOFFMAN, Attorney, to PHILIP LEVINE, enclosing two separate retainers to be signed by him and HARRY GOLD. These retainers were enclosed in this letter. In addition, there were an undated letter addressed, Dear Harry, from Phila, indicating that Phil had talked to a lawyer concerning a suit against BROTHMAN by LEVINE and GOLD, in which HOFFMAN agreed to act as attorney for a retainer of 37-1/2%. A second undated letter addressed, Dear Harry, from Phil, again referring to the hiring of HOFFMAN as attorney in a suit against BROTHMAN instituted by GOLD and LEVINE. These items will be reflected on the inventory list as Exhibit No. 43.

Found on this same shelf was a letter dated August 30, 1948, addressed, "Dear Harry," from Phil, which reflected that Phil had been told by an employee of the BROTHMAN COMPANY that he, Phil, had laid himself open to a libel or slander suit by BROTHMAN. Enclosed with this

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letter was a statement of HARRY GOLD and PHILIP LEVINE vs. ABE BROTHMAN AND ASSOCIATES, which set forth the claims made by GOLD and LEVINE for arrears in salary due them from ABE BROTHMAN. These items will be listed on the inventory list as Exhibit No. 44.

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On June 3, 1950, the following exhibits designated on the inventory list as Nos. 1 through 6, 19, 20, 21, 29 and 45, were located at the residence of HARRY GOLD, 6823 Kindred Street, Philadelphia, by SA FRED C. BIRKBY. Each of the following items was also observed by SA FORREST F. BURGESS at the time of its location.

Slack
A book entitled, "Genesee Fever," by CARL CARMER, bearing on the inside front cover the notation, "The Slacks, Mar. 1943," was located on the second shelf of a secretary located in the front of the living room. This item is No. 19 on the inventory list.

C.P. interest 1949 item
A paper-bound book entitled, "Twilight of World Capitalism," by WILLIAM Z. FOSTER, was located in a glass-front bookcase in the front of the living room. This book is Item No. 20 on the inventory list.

C.P. interest
A paper-bound book entitled, "Notes from the Gallows," by JULIUS FUCHICK, published by NEW CENTURY PUBLISHERS, was located in the glass-front bookcase in the front of the living room. This book is Item No. 21 on the inventory list.

Lead
Murphy
see serial 20
Slack
An envelope containing a letter from PVT. WILLIAM J. MURPHY, Detachment 14, 853rd Ordnance Service Company, Aviation, Roswell, N. M. This was found in a wooden box in the front part of the basement. The envelope was postmarked September 24, 1942. This letter is Item No. 3 on the inventory list.

Slack
A manila envelope of Eastman Kodak Company, Rochester, New York, bearing on the outside the handwritten name, "Al Slack, Building 110." This envelope was found in a wooden box in the front part of the basement. This envelope contains 29 pieces of a cut-up aerial photograph which appears to be an industrial plant. This envelope is Item No. 5 on the inventory list.

C.P. interest
A copy of the newspaper, "The Worker," dated March 7, 1943. This was found in a wooden box in the front of the basement. This newspaper is Item No. 6 on the inventory list.

A red fibre expansion envelope bearing on the outside the notation: "A. B.'s stuff." This envelope was found on the bottom

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shelf of a wooden cabinet in the front of the basement. It is Item No. 29 on the inventory list. This folder contains the following items:

1. A copy of the June, 1947, issue of "Political Affairs," contained in a wrapper addressed to OSCAR VAGO, 66-07 98th Street, Forest Hills, Long Island, N. Y. ✓

2. Handwritten sheet of paper written in pencil, bearing heading, "THOMAS BLACK." ✓

3. 28 3 x 5" index cards with alphabetical guide cards. These index cards bear the names of women. ✓

4. A typewritten sheet bearing background information, signed, "JACK BRUIN," in ink. ✓

5. A typewritten letter on the letterhead of ABE BROTHMAN AND ASSOCIATES, dated August 8, 1945. The letter is addressed to HARRY GOLD, signed, "A. BROTHMAN," and asked five questions on chemical processes. ✓

6. Three sheets of white bond paper bearing lists of handwritten numbers relating to U. S., British and German patents. ✓

7. A letter transmitting blueprints of vessels fabricated for the RUFERT CHEMICAL COMPANY to the CHEMURGY DESIGN CORPORATION, 420 Lexington Avenue, New York, attention MR. ABE BROTHMAN. This letter is on the letterhead of the GRAVER TANK AND MANUFACTURING COMPANY, INC., East Chicago, Indiana, and is dated February 19, 1944. Accompanying the letter are 29 blueprints of the GRAVER MANUFACTURING COMPANY. ✓

8. A small address book bearing on the inside cover the name, "HARRY GOLD, 49 Glendale Street, Cincinnati, Ohio," also "5032 North Boudinot Street, Philadelphia, Pa." ✓

9. A blank letterhead of TERRY AND SIEBERT, Analytical Chemists, 127 Walnut Street, Philadelphia, Pa. ✓

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lead
slack
examine
10. A small card bearing the address of JIM McMILLEN, 60 Linden Avenue, Niles, Ohio. *in 7/4*

11. A small card bearing pencil notes re Kodachrome. *7/5/50*

12. A sheet from a small pocket notebook bearing illegible pencil notes. *✓*

hand in!
tel
13. Envelope of the PROVIDENT SAVINGS BANK AND TRUST COMPANY, Cincinnati, Ohio, containing statement and cancelled checks from HARRY GOLD account, from 11/12/38 through 1/17/39. *✓*

14. Envelope of the PROVIDENT SAVINGS BANK AND TRUST COMPANY, Cincinnati, Ohio, containing statement and cancelled checks from HARRY GOLD account, from 1/17/39 to 3/10/39. *✓*

Brothman
15. A green cardboard folder containing 37 typewritten onionskin sheets with handwritten notes and sketches, entitled, "An Approach to the Problem of Continuous Reactor and Combining Equipment Design." Three sheets entitled, "Sketch Sheet, CHEMURGY DESIGN CORPORATION, Graybar Building, New York City. Two sheets of tracing paper bearing graphs. *Item 4 in 7/5/50 rept 65-43R*

Examine
16. Envelope of the FEDERATION OF ARCHITECTS, ENGINEERS, CHEMISTS AND TECHNICIANS-CIO, 1827 Arch Street, Philadelphia, Pa., postmarked 11/11/38, and addressed to HARRY GOLD. The envelope contains a handwritten note dated October 31, 1938, addressed to MR. SCAFIDI, signed A. N. GILOM. *✓*

Brothman
17. 33 typewritten sheets regarding methods of Aerosol dispensing, with three drawings on yellow lined paper. *Item 5 in 7/5/50 rept 65-43R*

18. A manila folder containing one photostat of a specific gravity table of solutions of sodium carbonate at 15 degrees centigrade, and 84 sheets of handwritten notes and rough draft reports. *✓*

Brothman
19. Reprint of an article on "Continuous Mixing and Reaction Equipment Design," by A. BROTHMAN, G. W. WOLLAN and S. M. FELDMAN. *✓*

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20. Two torn pages from a telephone number index, bearing names, addresses, telephone numbers. 4/

*file paid his own
may, he
couldn't use
Pullman
see item
#7 to #10*

21. Four pieces of a Pullman ticket, Philadelphia to New York, bearing date stamp July, 1940. 4/

A letter from D. GREEN, 311 South Witmer Street, Los Angeles, California, contained in an envelope addressed to HARRY GOLD, postmarked March 18, 1940. This was found on the bottom shelf of the wooden cabinet in the front of the basement. This letter is Item No. 2 on the inventory list.

al slack

A manila folder containing five handwritten sheets of notes regarding a meeting with AL. This folder was found on the bottom shelf of the wooden cabinet in the front of the basement. This folder and its contents are Item No. 4 on the inventory list.

al slack

A manila folder containing twenty pages of material, some of which is typewritten, some handwritten and some photostats, stapled together and bearing the legend, "Material Covering Work Done On Silver Recovery From Salvaged Photographic Emulsion," on the first sheet. Some of this material is indicated as having been prepared at the Chemical Plant, Kodak Park. The folder also contains 16 loose pages of similar material. This folder was found on the bottom shelf of the wooden cabinet in the front of the basement. It is Item No. 1 on the inventory list.

*pub
laugherty
a black*

A letter without envelope, to HARRY and BUTCH, from DOC. The letter contains a statement regarding Doc's being available to get what GOLD needs for BROTHMAN. The letter is dated November 15, 1945. It was found in the lower left-hand desk drawer in HARRY GOLD'S bedroom. This letter is Item No. 45 on the inventory list.

Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC

FROM : FORREST F. BURGESS, SA

SUBJECT: HARRY GOLD, was.
ESPIONAGE - R

DATE: June 16, 1950

On June 6, 1950, SAs ROBERT E. MASTERS, FRED C. BIRKEY and FORREST F. BURGESS conducted a search of the premises of JOSEPH GOLD, 6823 Kindred Street, Philadelphia, Pa., from 4:25 P.M. to 6:50 P.M.

Exhibits hereinafter designated as exhibits 12 through 21, were located on the fourth shelf of the wooden cabinet in the front of the basement of the above listed premises by SA FORREST F. BURGESS and were removed from these premises on June 6, 1950. An inventory list was given to JOSEPH GOLD, identifying material which was removed from his premises. The exhibits hereinafter described bear the same number as the number appearing on the above inventory list.

Exhibit #12 consists of 21 manila folders and their contents. They will be hereinafter identified as Exhibits 12-A through 12-U.

12-A. 100 sheets, 8 3/8 x 10 15/16" of papers pertaining to answers to advertisements for positions of employment, giving HARRY GOLD's background, education, and experience in the field of Chemistry.

8 applications for Federal employment.

U. S. Civil Service Commission announcement for examination in field of Chemistry.

12-B. 82 sheets of paper, 8 1/2 x 11, containing chemical formulas and notes on experiments concerning Lactide, Butyl Acetate, etc.

12-C. 22 sheets of paper, 8 3/8 x 10 15/16", containing chemical formulas and notes on experiments.

A white sheet of paper, 7 7/8 x 4 15/16", was attached to one of these yellow sheets. On one of these yellow sheets, the words are contained, "Kazariari's Method: Zakhova - S.C.I. Reports Leningrad State Univ."

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Jensen
T.S. Miller

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12-C. 7 red sheets, 4 15/16 x 7 7/8", relating to Lab. Org.,
Cont'd. Lab work Monomer portions and proven Monomer.

Photostatic copy of U. S. Patent Office Document #2317138,
captioned "Granular Polymerization of Ethanoid Monomers".

Photostatic copy of Document bearing number 444257, relating
to plastic materials and methods of production of same.

Photostatic copy of Document bearing #504734, concerning
improvements or relating to the manufacture of Methacrylic
Acid Esters.

7 sheets of white paper, 8 1/2 x 11", pertaining to nylon and
containing chemical formulas.

1 8 1/2 x 11" graph paper containing chemical formulas.

1 yellow sheet, 8 1/2 x 11", containing notation "Tare and
Monomer".

3 yellow sheets, 7 15/16 x 12 1/2", containing notation "Ca
1945" and reflecting information concerning processes.

2 white sheets of paper, 4 7/8 x 7 15/16", relating to
chemical experiments.

12-D. 4 sheets of white paper, 8 1/2 x 10 15/16", three of which bore
notation "AM OH - Hexine Run", and the fourth sheet having
notation "Theory".

Letter on stationery of AMERICAN CYANAMID CO., dated July
16, 1947, addressed "A. BROTHMAN & ASSOCIATES, concerning
submission of sample of Special Wax, #1111.

Leaflet of SCIENTIFIC GLASS APPARATUS COMPANY, INC.,
Bloomfield, N.J., re the improved heating jacket.

Booklet of HENDRICK MANUFACTURING CO., re Hendrick Mixing
Equipment.

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- 12-D. Leaflet, captioned "Precise Fractionation Assembly Used
Cont. by the National Bureau of Standards", distributed by the
EMIL GREINER COMPANY, New York City.

Leaflet of the EMIL GREINER CO., New York City, re
"Cartesian Manostat".

Leaflet of the EMIL GREINER CO., New York City, re
stainless steel weights.

Pages 217 and 218 of the January, 1946 issue of "Chemical
and Metallurgical Engineering". Page 217 concerns heat
transfer equipment.

Pages 219 and 220 of the January, 1946 issue of "Chemical
and Metallurgical Engineering". Page 219 concerns GENERAL
CHEMICAL COMPANY - Supply Line for American Industry.
Page 220 concerns Inland Steel container.

One white sheet of paper, 8½ x 11", with notations, "Conditions"
and containing diagram.

- 12-E. 37 sheets of white paper, 8½ x 11, which bear the dates of
February, March, April, and May, 1947, some of which are
captioned "Esterification with P2 O5" and pertaining to
experiments and further list of chemical processes.

- 12-F. 1 white sheet of paper containing caption "Continuation
Sheets, No. 1", with sub-caption, "Item 16 Experience",
pertaining to HARRY GOLD.

3 sheets of blank white paper, 8½ x 11".

- 12-G. 16 pieces of white paper, 8 7/16 x 10 15/16", captioned
"Appl. 31, the Oxidation of Derivatives of Acetylenic
Alcohols and Glycols". (clipped together)

13 sheets of white paper, 8 7/16 x 10 15/16", captioned,
"Appl. 21, the Oxidation of Acetylenic Alcohols and
Glycols". (clipped together)

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12-G. 11 sheets of white paper, 8 7/16 x 10 15/16", captioned, Cont. "Appl. 6 - Synthesis of Acrylic Monomers". These pages were clipped together.

12-H. One two-page letter dated February 21, 1947, on the stationery of PENNIE, EDMONDS, MORTON and BARROWS, Counsellors-At-Law, New York City, addressed to Mr. ABRAHAM BROTHMAN, signed ARNOLD R. WORKMAN, referring to BROTHMAN's patent data, relating to the process of manufacturing Methyl Methacrylate Monomer. On Page 2 it is reflected that Russian literature citations were not used against Vaughn Patent.

Letter dated January 7, 1947, on the stationery of the AMERICAN CYANAMID CO., New York City, addressed to A. BROTHMAN & ASSOCIATES, signed E. J. TUTHILL, Synthetic Organic Chemicals Department, referring to BROTHMAN's interest in Ammonium Metavanadate and a shipment of the same.

A sheet of white paper, 8 1/2 x 10 15/16", containing several numbers. The numbers "1 0.453 x 454 equals 206 gms" are at the top of the page.

3 sheets of white paper with captions "Seminar 1 Lab. vs. Office Lectural Paper Questions to Bring Out Points".

12-I. 3 sheets of white paper, 8 1/2 x 11" with captions "Polyn in Higher Ketone Solv. - then Steams Distil Ketone"; also "Particle Shape"; "Surface Theory".

1 white sheet of paper, 8 1/2 x 11", with ink notations - first line reading "Sample bottle full equals 346.6 gms."

1 white sheet of paper, 4 15/16 x 7 15/16", first line of which reads "Dithylene glycol Monolaurate", and word "Glacirin" appears on second line.

2 sheets of white paper, with captions "Program for MeMe Powder work", with sub-captions:

"I Removal of Adhered (?) Gum Arabic Film".

"II Use of Emulsified Agents Requiring Smaller Amounts Than Gum Arabic".

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12-I. "III "Use of Diallyl Phthalate Polymer As a Dispersing
Cont. Agent".
"IV Emulsification In An Alkaline Medium".

A reprint from India, "Rubber World", issue of June, 1944
of article entitled "Polymerization of Vinyl Derivatives
in Suspension" by W. P. HOHENSTEIN, F. VINGIELLO, and H.
MARK, Polytechnic Institute of Brooklyn. This article was
reprinted with the compliments of the WHITNEY BLAKE CO.,
New Haven, Conn.

Reprint from the India Rubber World, issue of January, 1945
of article entitled "The Formation of Vinyl Polymers -
Emulsion and in Suspensions - III" by S. SIGGIA, W. P.
HOHENSTEIN and H. MARK, Polytechnic Institute of Brooklyn.

Photostatic copy of item from the "Industrial and Engineer-
ing Chemistry, Volume 37, No. 4" issue of April 1945,
entitled "Emulsion Polymerization of Acrylic esters", by
W. C. MAST, LEE T. SMITH and C. H. FISHER, Eastern Regional
Research Laboratory, U. S. Department of Agriculture,
Philadelphia, Pa. This item included Pages 366 through 369
of the above mentioned issue.

7 sheets of white paper, 8½ x 11, containing respective
captions at the top of the pages:

"U.S. 2,163,305 June 20, 1939 H. R. DITTMAR (duPont)
"U.S. 2,201,395 May 21, 1940 D. A. FLETCHER (duPont)
"U.S. 2,244,702 June 10, 1941 E. P. HABBACK (duPont)
"Br. 437-234 October 28, 1935 (duPont)
"U.S. 2,265,242 H. MARKS (duPont)
"U.S. 2,133,257 October 11, 1939 D. E. STRAIN (duPont)
"U.S. 2,171,765 September 5, 1940 ROHM AND HAAS.

Each of these numerical notations relate respectively to:

"Use of Methyl or Ethyl Starch as Emulsifying Agent"
"Mixture of Methyl Methacrylate and Distilled Water"
"Mixture of Distilled Water and Methacrylate"

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- 12-I. "Solution Prepared from Methyl Methacrylate, Water and Methanol".
Cont. "Polymethacrylic Acid as a Granulating Agent"
"Solution of Water Soluble from which Polymethacrylamide were Freed"
"Colloidal Suspension of Alluminum Hydroxide"

V. K. K...
29 sheets of yellow paper with pencilled writing and one blank page of yellow paper, $8\frac{1}{2} \times 11\frac{7}{8}$ ". Some of these pages pertain to Methylation of Starch, Ethoxy-Methylene-Malonic-Dinitrile, Ethyl-Orthoformate, Liebig's Annalen der Chemie, Possible modification in Vitamin Synthesis, Riboflavin, Vitamin C (B-ascorbic acid). *

1 sheet of white paper, first line of which reads "2,071,250" (next words and numbers not completely discernible) - this sheet is $8\frac{1}{2} \times 11$ ".

→ 1 sheet of yellow paper, $8\frac{5}{16} \times 11$ ", dated September 25, 1946. First line reads "Run Diathyl Phthalate Polyn for reaction time". Notation also contained on this sheet "Russian Job Flow sheets Call Tuer".

1 blank sheet of paper, $8\frac{5}{16} \times 10\frac{7}{8}$ ".

2 sheets of white paper, $8\frac{1}{2} \times 11$ ", captioned "A new way of Using Ca C2".

A white sheet of paper, $8\frac{1}{2} \times 11$ ", with notations concerning "Metal Reflector in Prism Box of Abbe Refractometer", with the name of "Mr. WAYNE appearing thereon, UB 9863".

- 12-J. 2 sheets of white paper containing pencilled notations and 1 sheet of blank white paper, $8\frac{1}{2} \times 11$ ". One of these papers has the caption "Distillation". In the middle of the second piece of paper is a notation which appears to be "SU-1 Hexine".

10 pieces of white paper, $5\frac{1}{2} \times 8\frac{1}{2}$ ", stapled together, with stamped date November 29, 1946, appearing on top of first page. Further pencilled notations of dates 12-2-46, 12-3-46 on subsequent pages. Notations on the above pages refer to Hexine and Ketone and reflect chemical experimentation concerning same.

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12-J. 1 piece of yellow paper, $5\frac{1}{2} \times 8\frac{7}{16}$ ", refers to mixture of Armac and HOH (water).

1 piece of white paper, $3\frac{5}{16} \times 5\frac{16}{16}$ ", with diagram concerning Butine and Acid.

4 pieces of white paper, $4\frac{1}{2} \times 8\frac{1}{2}$ ", with notation on first page, "12-6-46 Butin by Kazarian's Method" and dates 12-6 and 12-6-46 on succeeding pages.

19 sheets of white paper, $5\frac{1}{2} \times 8\frac{1}{2}$ ", stapled together. Pencilled notation of date on first page "12-5-46" and on some of succeeding pages. In addition, stamped date of December 16, 1946 on a succeeding page, and pencilled date 12-16-46 on other pages. 13 of above mentioned pages are blank. The first page of the above 19 pages has notations "Wt. of Koh" and "Acetone". The third page has notation "Hydrolysis of 1st frac.".

9 sheets of white paper, $5\frac{1}{2} \times 8\frac{1}{2}$ ", containing references to ether solution, distillation, and ether distillation. All of these sheets have the date 12-23-46 and 12-26-46 appearing at the top of some of the pages and also the notation "C-23 and C-24" appearing at the top of the pages.

4 sheets of paper, $4\frac{15}{16} \times 7\frac{15}{16}$, containing chemical formulas.

Blank piece of white paper, $8\frac{7}{16} \times 10\frac{15}{16}$ "; one piece of white $8\frac{7}{16} \times 10\frac{15}{16}$ ", containing notation "C-35-22 gm 19 cc" on the top line.

1 sheet of white paper, $8\frac{7}{16} \times 8\frac{1}{16}$ ", with mathematical equations. A notation "Saturation line" placed in a diagram.

2 sheets of white paper, $8\frac{1}{2} \times 5\frac{1}{2}$. On first page are notations:

- "1. Absacher
- "2. Kazarian X Today's Run
- "3. Binder.

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12-J. On second page appear percentage figures and stamped
Cont. "Nov. 27, 1946". On the third page is a notation "297
AMS KOH".

19 sheets of paper, $5\frac{1}{2} \times 8\frac{1}{2}$, stapled together. 8 of these
pages are blank. Pencilled notations on other pages refer
to Methyl Hydroxy, Butine, Acetone, Butine Synthesis.
Dates appear at the top of these pages, as follows:

12-9-46.
12-10-46.
12-11-46.
12-12-46.

23 sheets of white paper, $5\frac{1}{2} \times 8\frac{1}{2}$, all of which are stapled
together. Dates appearing on top of pages include 12-17-46,
12-18-46 and 12-20. Notations "C-21" appear on one of these
pages. References are made on these pages to Acetone and
Distillation.

7 sheets of white paper, $8\frac{1}{2} \times 10 \frac{15}{16}$ ", with mathematical
equations appearing thereon.

4 sheets of yellow paper, $8\frac{1}{2} \times 11$ ", two of which bear
notations at top "Class I" and "Class II". These pages
refer to Hexine and Butine "Cpds"; also to "Oxidation of
Carbinals to Isobutyric Acid Molecule".

2 sheets of white paper, $4 \frac{15}{16} \times 7 \frac{15}{16}$ ". First page
contains mathematical equation. Second has references to
Acetone, Butine and Hexine.

1 sheet of paper, $8\frac{1}{2} \times 10 \frac{15}{16}$ ", containing chemical formula.
Word "Reaction" at top of one side. The name "Mr. DOUGHERTY,
CO 7-2119" appears in lefthand corner of reverse side of
paper.

1 sheet of white paper, $8\frac{1}{2} \times 11$ ", having notations "May, Urbach,
Graulich" and NE 9-2302, appearing at the top of page on one side. On
the reverse side at top of lefthand corner is name "A. BROTHM."

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12-J. 1 sheet of white paper, $8\frac{1}{2} \times 10 \frac{7}{8}$ ", on stationery of A. Cont. BROTHMAN & ASSOCIATES. Notation at top refers to "Filtration on Buchner Funnels with Dry-Ice, Acetone Trap to Vacuum Line". The lower left corner of page has notation "CO 7-2119 after 1:30 or before 12".

1 sheet of white paper, $8\frac{1}{2} \times 11$ ", containing chemical formulas.

1 sheet of white paper, $8\frac{1}{2} \times 11$ ", captioned "Experiment 1-7-47" relating to "270 g of Methylol added to 110 g KOH."

1 sheet of white paper, $8 \frac{5}{8} \times 11$ ", dated 11-4-46, relating to an experiment, apparently where distillation was concerned.

1 sheet of white paper, $8 \frac{3}{8} \times 11$ ". First line reads "25 g Monomer".

1 sheet of white paper, $8\frac{1}{2} \times 10 \frac{15}{16}$ ". First line reads "Make set up as per Expt. C-33 (with trap for Methylol)". Reverse side has notation "Call Mr. BRONSTEIN Armory 46520".

1 sheet of white paper, $8 \frac{3}{8} \times 11$ ", containing chemical formula. On one side of page ether extractions are mentioned. On the reverse side is notation "6th Ave. and 42nd Bryan 1 pk Jewelers 1095 6th Ave. Saw in PM".

code question? → 10 sheets of yellow paper, clipped together, captioned "J. GEN. Chem. 4: 1347-52 (1934), with the name L. KAZARIAN appearing immediately under. A further caption appears on the first page, "A New Method For Applying Calcium Carbide".

16 sheets of white paper, $8\frac{1}{2} \times 11$ ", containing chemical formulas.

2 sheets of white paper, $8\frac{1}{2} \times 11$ ". Sheet bears caption "Conference 3-11-47" and has sub-captions "Monomer Synthesis, Powder Polymerization and Sheet on Bulk". The second has date "3-11-47" appearing on top and contains chemical formulas.

✓ 1 white paper, $4 \frac{15}{16} \times 7 \frac{15}{16}$ ", which has notation at top, "USSR 11 1111-20 (1941)."

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12-K. 1 sheet of white paper, 8 7/16 x 10 15/16", containing diagram and chemical terms.

2 sheets of white paper, 8 1/2 x 11". One sheet contains notation "Titration in Alcohol". The second sheet contains notation "Mila's Work", and also notation "Tertiary Butyl Hydroperoxide".

*spot check
blank paper
for result*

Tablet consisting of 14 sheets of white paper, only one of which contains any writing. This writing consists of numbers and chemical terms and diagrams.

1 sheet of lined paper, 8 1/2 x 11, containing numbers and chemical terms.

12-L. 5 sheets of white paper, 8 1/2 x 11", containing chemical formulas and notes on experimentation.

2 sheets of white paper referring to chemical experimentation. These are stapled together.

2 sheets of white paper, 4 15/16 x 7 15/16". One page has notation "CA 29, 3926". The second has notation "Sintet Kanchuk 1936 (9) 12".

4 sheets of white paper, 8 1/2 x 11", containing chemical formulas and experimental notation.

2 sheets of white paper, 8 1/2 x 11", containing chemical formulas.

1 sheet of graph paper containing caption "Solubility-GFW per 1000 g. H2O".

1 sheet of paper, dated 6-9-47, captioned "Vanishing Cream Formulas".

Brothman

2 sheets of paper of A. BROTHMAN & ASSOCIATES. First page contains caption "Scientific Glass". The first line of second page begins "3 only #5-732".

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12-L. 1 sheet of paper with stamp of A. BROTHMAN & ASSOCIATES at top and has caption "The manufacture of Thioglycolic Acid (8-27-47)".

1 sheet of white paper, 5 9/16 x 8 1/2", captioned "U.C. Formulation".

1 typewritten sheet dated 8-21-46, captioned "The Preparation of Urea Formaldehyde Cold Setting Glue".

1 sheet of paper of A. BROTHMAN & ASSOCIATES. First line reads "Satisfactory Monomeric Mixture".

12-M. 3 sheets of white paper dated 3-10-48, referring to "Ozanalysis of Dimethyl Hexine Diol and Ozanalysis of Methyl Butinal".

12-N. The manila folder bears the tab "Patent Literature Search on Methyl Methacry".

1 sheet of paper of A. BROTHMAN & ASSOCIATES stationery, which is captioned "Improved MeMe Monomer Synthesis", and has a sub-caption "Hexine Diol".

9 sheets of lined paper, dated 7-25-46, 4-9-46, 4-15-46 and 4-24-46. These are captioned "MeMe Molding Powder; Preparation of Petn"; "Recrystallization of Petyn from Acetone". The last page of the above mentioned 9 pages appears to be stenographic notes.

4 sheets of paper, clipped together, dated 5-2-47, captioned "The Synthesis of 2, 5 - Dimethyl-2, 5-Dehydroxy - Hexine - 3".

1 sheet of paper, 8 1/2 x 11". The middle of the page contains notation "Ger 668,870 December 12, 1938, (u 126.2) Wilhelm Koch (to IO)".

1 sheet of graph paper containing notations "Diol, Water, Methylal".

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12-N. 2 typewritten pages containing sub-captions:
Cont.

"Methyl-Butanolone", "Vapor Phase Esterification",
"Methy Ester Chloroform", "Methoxy-Isobutyric Acid",
"Methyl Methoxy-Isbutyrate", "Catalytic De-Alkoxylation". The
date, December 19, 1946, appears on the bottom of the
second page.

1 sheet of yellow paper, 8 5/16 x 10 15/16", containing
chemical formulas.

12-O. 1 sheet of white paper with caption "Mold, wt. of MeMe,
in 80-85° oven, and low temp. oven". These captions appear
over four columns.

1 sheet of paper captioned "Castings".

1 sheet of paper captioned "Physical Test Specimens".

1 sheet of paper captioned "3/16" sheets".

12-P. 1 sheet of paper, 8 1/2 x 11", first line of which reads
"2,4- Dichloro-Benzaldehyde". There is a notation in
middle of page on this sheet, "U. S. Tariff Commission,
Washington, D. C.". The remainder of the writing in this
notation is illegible.

4 sheets of paper dated 4-3-47, captioned, "U. C.", relating
to "U. C. for sun and windburn".

12-Q. This exhibit has been previously described in a memorandum
submitted by SA FORREST F. BURGESS on June 12, 1950, and
will be found as a separate serial in instant file.

12-R. 28 sheets of white paper, 8 1/2 x 11". Only 7 of these pages
contain writing. The first page is captioned "Stoddard
Solvent". It and the succeeding pages contain chemical
formulas and mathematical equations.

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What is this?
12-S. A notation appears on the manila folder "Notes from Doc".
6 sheets of yellow paper, 8½ x 11", which contain chemical formulas and notes on experimentations.

Chemical effluents?
12-T. The outside of the manila folder contains the notation "CO2 Recovery".

Blank piece of white paper.

3 typewritten sheets concerning absorption of CO2.

This is all probably relates to efforts to recover CO2 from stacks Penn Sugar
4 sheets of paper - 3 yellow and 1 white, clipped together. The white page is captioned "Outline of Rept." First yellow sheet is captioned "Re: Denver Flotation Equipment", addressed to Doc from HARRY GOLD and JOSEPH E. P. BOWEN. Second yellow sheet contains table of results. Third yellow sheet captioned "Discussion of Results".

4 pieces of blank white paper.

A piece of white paper containing caption "Latest Derian Unit, Turbo, Old Rect, Denver".

29 yellow sheets relating to tests for calculation concerning CO2. 9 of these sheets are blank.

Pages 283, 286, and 307 of the May, 1941 issue of "The Glass Packer", containing article "How To Reduce the Instability of Vitamin Content", by HALFDAN HEBBO, New York. On Page 283 is a notation - "RONALD, DOUGHERTY, HARRY".

2 typewritten sheets of paper dated 4-30-41, captioned, "Run #3", signed HARRY GOLD and JOSEPH E. P. BOWEN.

48 sheets of yellow paper, one page captioned "Use of the Denver Flotation Apparatus as an Absorber". The results of several runs in 1941 reflected on succeeding pages.

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12-T. A typewritten sheet headed "HARRY GOLD June 30, 1938",
Cont. captioned "Recovery of CO2 from Flue Gas".

9 typewritten sheets, first of which is captioned "Use of
the Turbo-Mixer As An Absorber Unless the Investment
Cost of the Equipment Per Pound of CO2 is Known".

Drawing concerning some equipment, possibly concerning
diffusion of gas since gas meter is included within the
drawing.

12-U. One white sheet of paper, captioned "Discussion: One
Macmar Sol.". On reverse side is notation "Rpt. #3
CO2 Recovery".

February 28, 1939 issue of "Industrial and Engineering
Chemistry News Edition".

February 10, 1939 issue of the "Industrial and Engineering
Chemistry News Edition".

1 sheet of white paper, captioned "Note on CO2 Recovery",
with sub-caption "Data For 1 Ton Plant".

18 sheets of yellow paper, with captions appearing at
top saying, "Ethers", "Acids", "Cyanides" and "Nitro
cpds".

13. 140 miscellaneous sheets of paper described as follows:

31 sheets of paper on the stationery of A. BROTHMAN &
ASSOCIATES, relating to the subjects Vanillin, Chloroform
from C Cl₄, and standardization of Molding Powder Tests.

Several of these sheets bear dates in 1947 at the top right-
hand corner and also have notations by "H. G. "

3 sheets of blue-lined paper, addressed "Dear Abe", one of
of which is signed "HARRY and PHIL", and refers to the
Stanton job being in a precarious state and indicating it

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13 would be impossible to develop a modification of the
Cont. Cyanhydric process in a few days so that ABE could demon-
strate it in Switzerland.

8 pages of blue-lined white paper, captioned "Charges".
These pertain to lies apparently made by ABE BROTHMAN &
ASSOCIATES in connection with the completion of the
Stanton job, personnel problems concerning Oscar, Phil,
Harry, Bill, Bernie and Moskovitz (who were apparently
all employed by A. BROTHMAN & ASSOCIATES).

17 blue-lined yellow sheets, captioned "Preparation of
Substituted Benzaldehydes.

8 pages of white paper, dated 4-5-48, captioned "Analytical
Methods for Tests of 316 ELC Standards".

1 two-page letter on the stationery of JULIAN PAUL BRODIE,
dated September 13, 1946, addressed by JULIAN P. BRODIE to
A. BROTHMAN. This letter refers to an agreement by
BROTHMAN's organization to develop men's vanishing cream
with expenses for such work being borne by BRODIE and
listing the other terms of this agreement between BRODIE
and A. BROTHMAN & ASSOCIATES.

→ Typewritten page captioned "Program of work for the Chinese
Job", dated 8-26-46.

16 sheets of blue-lined white paper, some of which bear
date of April, 1948 and contained chemical formulas, notes
on experiments, and one sheet refers to specific jobs
apparently under consideration by A. BROTHMAN & ASSOCIATES.

12 sheets of white paper, some of which bear the dates in
May, 1947, and contain experimental notes in chemistry.

3 sheets of blue-lined yellow paper, one of which contained
chemical notations. The other two are written French. (These
pages have been translated from French to English by ZOE
LYON of this office and pertain to the use of Xanthidrol
for the quantitative analyses of Urea.)

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- 13 15 sheets of blue-lined yellow paper containing
Cont. chemical experimental notes.
- 5 sheets of red paper, 3 5/16 x 6", bearing diagrams and chemical symbols. One of these sheets contains the name of AMCON CORP., 29 Bldg. NYC, and the name of Mr. TURNER as a person to call.
- 20 sheets of white paper, 4 x 6, containing chemical symbols and notes on experiments.
14. 1 envelope postmarked Philadelphia, Pa., June 2, 1948, addressed "HARRY GOLD, Elmhurst, New York City", having return address on reverse side of envelope, "MORRELL E. DOUGHERTY, 5517 Litchfield, Phila. 43, Pa.". Note enclosed in envelope from DOC to HARRY stated "Hope you get this in time See you soon".
15. Budget composition book containing writing on first page of book, referring to Patent of January 28, 1941, #2,229,897, AMERICAN CYANAMID CO. Succeeding pages refer to "Analysis of Ozone", "Hydroxy Isobutyric Acid", "Hexine Synthesis". Dates in this book included January 23, 1946 to March 25, 1947. Enclosed in this book were also 11 sheets of blue-lined yellow paper, most of which bore date of September, 1946 and refer to chemical experimentation.
16. 2 page photostatic copy of U. S. Patent Office Document #2,030,901 concerning Process for Depolymerizing Alpha Substituted Acrylic Acid Esters, by DANIEL E. STRAIN, duPont Company.
17. 2 page photostatic copy of U. S. Patent Office Document #2,359,212, concerning Process for Depolymerizing Polystyrene by JOSEPH C. FRANK, JAMES L. AMOS, and ALBERT F. STRAUBEL, who assigned the above patent to the DOW CHEMICAL CO., Midland, Mich.

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18. Federal Standard Stock Catalog L-P-406a Section IV, Part V, Federal Specifications for Plastics, Organic: General Specifications, Test Methods.
19. Envelope postmarked New York City, November 25, 1947, addressed to A. BROTHMAN & ASSOCIATES, Long Island City, New York, bearing return address, "The Cooper Alloy Foundry Company, Hillside, New Jersey". Enclosed in envelope was a 21 page document captioned "Memorandum for the Preparation of Thioglycolic Acid Patent Papers".
20. Envelope postmarked December 3, 1947, Louisville, Kentucky, addressed to A. BROTHMAN & ASSOCIATES, Elmhurst, Long Island, bearing return address, "The Girdler Corporation, Louisville, Kentucky". Enclosed in the envelope were 7 pieces of white paper bearing date of November, 1946, November 1948, and January, 1947, referring to chemical experiments such as Synthesis and Degradation of Acetylenic-Glycols; Hydroxylations of Acetylenic Hydrocarbons; Reaction between O_2 and Acetylene in the presence of Nitrogen Oxides; Oxalic Acid from Acetylene, etc.

Also enclosed in the above envelope was a letter dated December 3, 1947, from J. E. SLAUGHTER, JR., Vice-President of the GIRDLER CORPORATION, containing circulars and pieces of literature describing the Votator principle of heat transfer and processing, and illustrating several models of Votator units. (These enclosures are still attached to the letter).

Also enclosed was a Gold Medal writing tablet book. On the outside appeared the name HARRY GOLD. Only 7 pages of this tablet contained writing. Two pages bear the date March 5, 1948. The first line of one of these pages reads, " $O_s O_4$

Ref. Millor XV, p 707. In the middle of this page is a notation, " $O O_s$ Acts to influence rate Decompn. of Alkalichlorates".

The second page, which is dated 3-5-48, has on the first line, " $M O_3$ Millor Xi p 545".

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20. The remaining five pages which contain handwriting, all
Cont. bear the date April 20, 1947.

Page 1 has as its first line - "Bull.de la Societe
Chemique 25, 346-369 (1901)" and has a sub-caption
"Formation & Decomp. of Acetals".

The second page has a first line which reads "Methylol plus (sign)
128 H₂O @ 14-26' C.

The third page has as its beginning line, "J. P. HEP. Chem. 36,
2325-2337."

The fourth page begins "Berichte 70, 1713-1719 (1937)." The
sub-caption reads "Hydrolysis of Acetals".

The fifth page has as its beginning line, "Berichte 67, 424-
429 (1934) and also has a sub-caption "Philosophy of Acetol
Hydrolysis".

There is also enclosed in this Gold Medal writing tablet
book, a piece of stationery of A. BROTHMAN & ASSOCIATES,
which had in its right-hand corner, a date November 2, 1947,
by "H.G." Beside the caption "Job" was the word "Mettur", and
next to the word "Subject", was the wording Ca (OCL)2 Processes.
In the body of this stationery there are three captions:
"German", "Mathieson", and "Columbia".

2 pieces of yellow paper, 4½ x 5½, one of which is blank.
The other contains a notation at the top, "1. Use excess Fe
(SO₄)₃ & add H₂O₂ slowly.

21. Note on stationery of ACHESON COLLOID CORPORATION, Port Huron,
Mich., addressed to HARRY from DOC, wishing him luck. (Hand-
writing on this note appears similar to writing of MORRELL
E. DOUGHERTY - Exhibit 14). Reverse side contains chemical
notations. Envelope postmarked October 29, 1946, bearing
return address, ACHESON COLLOID CORPORATION, Philadelphia,
Pa.

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21. A sheet of white paper, $8\frac{1}{2} \times 10 \frac{5}{16}$ ". First line reads,
Cont. "1. Variable Take-Off Still Head".

Sheet of white paper, $8\frac{1}{2} \times 10 \frac{15}{16}$ ". First line has notation "V. F. Powd".

Sheet of white paper, $8\frac{1}{2} \times 11$ ". First line reads "Solubility p. Dichlorobenzene & O. Dichlorobenzene in C_6H_6 , with date 4-12-47 in upper righthand corner.

One sheet of notebook paper, $3\frac{1}{2} \times 5 \frac{7}{8}$ ". First line reads "One Vapor Phase Esterification.

As has been noted in the first part of instant memorandum, Exhibits 12 through 21 were found by SA FORREST F. BURGESS on June 6, 1950, on the fourth shelf of the wooden cabinet in the basement of the premises of 6823 Kindred Street. In addition to these exhibits, there was also located in the same cabinet, the following additional items on the same date, June 6, 1950:

22. On the first shelf of the wooden cabinet, 47 sheets of looseleaf paper, containing 7 punched holes and bearing pencil notations. These notes pertained to industries, chemical processes, inventions and patents, also German language notes. (These may be school notes since some of these bear the dates in 1932 and it was further noted that these notes bear the tabs Chem. 107 and Ger 2.
23. On the second shelf of the above mentioned wooden cabinet, were twenty 3×5 index cards, 17 of which pertain to Methyl Methacrylate-Molding Powder, with specifications and use for same. Of the three remaining cards, one bears a caption "Styrene", and the other two are not captioned. Of these two cards, one refers to the use of Methyl Starch as a dispersing Agent and the second refers to the continuous polymerization of Org. Comp'ds. in aq. emulsions lighter than water.

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24. Also found on the second shelf of the wooden cabinet was one 3 3/8 x 6" piece of paper containing the name and Philadelphia address of JAMES A. DEVLIN, 6238 N. 4th St., Philadelphia, 20, Pa., HA 4-1078.

SAC

June 13, 1950

SA ROBERT E. MASTERS

HARRY GOLD, was;
SPEIACH - R

The following material was obtained from the bedroom of HARRY GOLD at 6823 Kindred Street, Philadelphia, on June 6, 1950, by SA ROBERT E. MASTERS:

One cream-colored manila envelope marked "re-org 3/29/46," which was found in the lower right hand drawer of GOLD'S desk. This envelope contained one sheet of 8-1/2 x 11" white paper, folded four times, on which was written a chemical formula beginning " HNO_3 ." There were also contained in this envelope seventeen numbered pages beginning with the title, "Quantitative chemical analysis." It is suggested that this material be brought to the attention of HARRY GOLD to determine its value in this investigation.

Envelope No. 2 is a cream-colored manila envelope marked, "re-org 3/29/46," containing one letterhead of the BELLE MEADE FARMS and one letterhead of the BELLE MEADE DISTILLING CORPORATION. In addition, there were three sheets of 8-1/2 x 11" yellow paper numbered on both sides in Roman numerals I through V, under the heading, "Mothproofing." There was also one 8-1/2 x 11" sheet of yellow paper containing pencilled handwriting beginning, "Station Lab - Philadelphia." This envelope further contained one 8-1/2 x 11" white paper headed, "2,3-Butylene Glycol." It is suggested that this material be brought to the attention of HARRY GOLD to determine its value in this investigation. This envelope was also found in the lower, righthand drawer of HARRY GOLD'S desk.

There was found in the bookcase immediately next to HARRY GOLD'S desk one manila folder marked, "Photocopies pyridoxin (B6)." This folder contained one group of 8-1/2 x 11" yellow paper containing 23 sheets on which were written various and sundry chemical formulae and processes. This folder also contained one group of 8-1/2 x 11" yellow paper attached by a large size paper clip. This group contained 27 pages on which were written various chemical formulae and processes on the first page of which was marked, "Penochloro - acetic acid." This envelope further contained ten photostats of publications in the German language, some of

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(M)

which were stamped on the back, "Photostatic negative made by the New York Public Library." There were also included photostats of U. S. Patent Office No. 2,243,073 and No. 2,250,396. In addition, there were 14 photostats of material in regard to the "Synthesis of Vitamin B-6." It is suggested that HARRY GOLD be interrogated as to the purpose of this material.

Manila folder No. 2 was found in the bookcase immediately adjoining HARRY GOLD'S desk and was marked in pencil, "Photostatic copies pantothenic acid." In this envelope were 18 sheets of yellow 8-1/2 x 11" paper containing various chemical formulae and processes. In addition, attached by a paper clip, were a group of 21 sheets of 8-1/2 x 11" yellow paper, the first page of which was headed, "Isobutyraldehyde." This folder contained 22 pages of photostats of material apparently copied from a publication in the German language. Many of these photostats were marked, "Photostatic negative made by New York Public Library." There was also one photostat of U. S. Patent Office No. 2,234,580. There were also 16 pages of photostats of publications in the English language containing material concerned with pantothenic acid and aromatic aldehydes, as well as organic syntheses. This folder further contained a letter on the letterhead of CONSOLIDATED VULTEE AIRCRAFT CORPORATION, addressed to MR. BROTHMAN, Chief Engineer, A. BROTHMAN AND ASSOCIATES. This letter was dated July 15, 1946, and concerned inquiry of BROTHMAN about the four-place Stinson "Voyager 150."

Folder No. 3, which was also found in the bookcase adjacent to the desk of HARRY GOLD, contained 16 pages of 8-1/2 x 11" yellow paper, on which were written various chemical formulae. This folder also contained seven photostats. It is suggested that this material be discussed with HARRY GOLD to determine whether or not it is pertinent to this investigation.

Office Memorandum • UNITED STATES GOVERNMENT

TO : SAC

DATE: 6-12-50

FROM : FRED C. BIRKBY, SA

SUBJECT: HARRY GOLD, was
EXPIONAGE --- R

On 6-6-50, a search was conducted at the residence of HARRY GOLD, 6823 Kindred Street, Philadelphia, Pennsylvania, with the permission of JOSEPH GOLD, and Special Agents ROBERT E. MASTERS, FORREST F. BURGESS and the writer conducted the search.

The writer searched the bottom shelf of a wooden cabinet in the front of the basement and a wooden box located in the basement. An inventory list of the material removed from the premises was prepared. The material located by the writer is listed as Items #6 through #11 inclusive in this inventory list. This material has been reviewed by the writer and notes were made describing it. These notes will be made an exhibit in file #65-4307. The following is a description of the material obtained.

ITEM #6 ON INVENTORY LIST

17 folders of miscellaneous papers and blueprints removed from wooden box in basement.

FOLDER #1

A manila folder bearing a red pencil notation "Lt. EVAN, Naval Procurement Department, Widener Building, or Comm. KURLEE (boss)."

Contents:

This letter to Gold should be checked. Russian puts interested but as I recall, he was a German person + not too good. Hamilton has some info on this - he was set for Houdry + knows of Vagueron's info FCB:lc by Hendrick/ 65-4307

14 sheets of graph paper 8 3/8" x 10 3/4"
This is a carbon copy of handwritten material captioned "HENDRICK Continuous Method for Buna-S Manufacture". One sheet is mutilated.

17 sheets of yellow lined paper 8 x 10 1/2"
This is a carbon copy of handwritten material apparently connected with the manufacture of Buna-S.

1 sheet of yellow lined paper 8 x 11, torn at the top

65-4307-801
FBI - PHILADELPHIA
JUN 12 1950
Jensen
H. S. Miller

6-12-50

This is written in pencil and is headed "Continuous separator"

4 sheets of white tissue, $8\frac{1}{2}$ x 11".

This is typed material headed "Notes on Continuous Method Report" and is typed in duplicate.

FOLDER #2

A manila folder having the name DICK BRIGGS in pencil on the outside.

Contents:

38 pages of white and yellow paper, $8\frac{1}{2}$ x 11", held together with two wire staples.

This material was handwritten, typed and mimeographed. The first page contains the following: "February 1942. The report and data attached to this sheet have been assembled from the effects of the late R. BRIGGS and are being submitted in that they may be of some value." The material appears to pertain to photography.

1 sheet of white tissue, $8\frac{1}{2}$ x 11"

This is typed material headed "Formamine (CH_4)".

1 sheet of white paper, $8\frac{1}{2}$ x 11", to which there is attached with wire staples a photographic copy of a vari-colored graph headed "Paramount West Coast Laboratory -- Daily Record Sheet". Under the graph, there is written in pencil, "Get explanation of T".

FOLDER #3

A manila folder.

Contents:

1 sheet of white paper, $8\frac{1}{2}$ x 11"

This is a pencil drawing captioned "Fermentation No."

Memo, SAC

6-12-50

FOLDER #4

A manila folder.

Contents:

1 sheet of white paper, 8 $\frac{1}{2}$ x 11" dated 1-30-43, captioned "Laboratory Work".

This appears to pertain to the Chemistry of Enzymes.

FOLDER #5

A manila folder. Typed on the folder is "Mr. BAYBUTT Dope Inventories, Usages and Losses, 3rd period, 1942."

Contents:

The contents of the folder are held to it by two brass staples.

11 white on black photostats, 10 $\frac{3}{4}$ x 16 $\frac{1}{2}$ " date-stamped 4-22-42, Kodak Park.

1 white on black photostat, 8 $\frac{5}{8}$ x 10 $\frac{7}{8}$ " captioned "Plasticizer Inventories, Usages and Losses, 3rd period, 1942."

FOLDER #6

A light green fibre folder.

Contents:

A set of 4 blueprints held together with wire staples. These prints are captioned "The Chemurgy Design Corporation Dry Reducer -- Rufert Chemical Company, Seymour, Conn."

1 blueprint is captioned "The Chemurgy Design Corporation Diagramatic Flow Sheet for Nickel Catalyst Pellets and Vehicle protected nickel catalyst."